		DEPARTMENT (	ATE OF UTAH OF NATURAL RES OIL, GAS AND N			FOR			
APPLIC	CATION FOR	PERMIT TO DRILL			1. WELL NAME and	NUMBER CWU 1498-25D			
2. TYPE OF WORK  DRILL NEW WELL (	REENTER P8	A WELL ( DEEPEN	N WELL ( )		3. FIELD OR WILDCAT NATURAL BUTTES				
4. TYPE OF WELL  Gas We		ed Methane Well: NO			5. UNIT or COMMUNITIZATION AGREEMENT NAME CHAPITA WELLS				
6. NAME OF OPERATOR	EOG Resou				7. OPERATOR PHO				
8. ADDRESS OF OPERATOR		), Vernal, UT, 84078			9. OPERATOR E-MA	IL	os com		
10. MINERAL LEASE NUMBER	Last Highway 40	11. MINERAL OWNER	RSHIP		12. SURFACE OWN	gardner@eogresource ERSHIP	55.00111		
(FEDERAL, INDIAN, OR STATE) UTU0285A		FEDERAL ( INDI.	AN STATE (	) FEE	FEDERAL ( INI	DIAN ( STATE (	FEE (II)		
13. NAME OF SURFACE OWNER (if box 12	14. SURFACE OWN	ER PHONE (if box 1	.2 = 'fee')						
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						ER E-MAIL (if box 1	l2 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME		18. INTEND TO COMM MULTIPLE FORMATION		ION FROM	19. SLANT				
(if box 12 = 'INDIAN')			ommingling Applicati	on) NO 📵	VERTICAL DIF	RECTIONAL 📵 HO	ORIZONTAL 🗍		
20. LOCATION OF WELL	FO	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE	25	9.0 S	22.0 E	S					
Top of Uppermost Producing Zone	Top of Uppermost Producing Zone 1040 FNL 2373 FWL NENW					22.0 E	S		
At Total Depth	1040 FN	IL 2373 FWL	NENW	25	9.0 S	22.0 E	S		
21. COUNTY UINTAH		22. DISTANCE TO NE	AREST LEASE LIN	E (Feet)	23. NUMBER OF AC	RES IN DRILLING	UNIT		
		25. DISTANCE TO NE (Applied For Drilling		AME POOL	26. PROPOSED DEF	P <b>TH</b> : 9321 TVD: 9265			
<b>27. ELEVATION - GROUND LEVEL</b> 5036		28. BOND NUMBER	NM2308		29. SOURCE OF DR WATER RIGHTS AP		F APPLICABLE		
		AT	TACHMENTS		1				
VERIFY THE FOLLOWING	AH OIL AND	GAS CONSERVATI	ON GENERAL RU	ILES					
WELL PLAT OR MAP PREPARED BY	сом	PLETE DRILLING	PLAN						
AFFIDAVIT OF STATUS OF SURFACE	CE) FORM	I 5. IF OPERATO	R IS OTHER THAN T	HE LEASE OWNER					
DIRECTIONAL SURVEY PLAN (IF DI	<b>№</b> торо	GRAPHICAL MA	P						
NAME Amber Schafer	TITL	<b>E</b> Regulatory Assistant		<b>PHONE</b> 303 8	24-5582				
SIGNATURE	DAT	<b>E</b> 03/17/2010		EMAIL amber	_schafer@eogresource	es.com			
<b>API NUMBER ASSIGNED</b> 43047510140000	APP	ROVAL		Permi	t Manager				

API Well No: 43047510140000 Received: 3/17/2010

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Surf	12.25	9.625	0	2300							
Pipe	Grade	Length	Weight								
	Grade J-55 ST&C	2300	36.0								

API Well No: 43047510140000 Received: 3/17/2010

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Prod	7.875	4.5	0	9321							
Pipe	Grade	Length	Weight								
	Grade N-80 LT&C	9321	11.6		П						

# MULTI-WELL PAD: CWU 1498-25D, CWU 1499-25D, CWU 1500-25D, CWU 1501-25D, CWU 1502-25D

NE/NW, SEC. 25, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1	CWU 1498-25D		499-25D	CWU 1	500-25D	CWU 1	501-25D
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1378	1391	1379	1390	1383	1396	1385	1396
Birdsnest	1694	1715	1695	1717	1696	1714	1700	1719
Mahogany Oil Shale Bed	2267	2304	2265	2307	2269	2296	2282	2316
Wasatch	4601	4658	4599	4673	4605	4643	4634	4688
Chapita Wells	5184	5240	5184	5258	5191	5229	5217	5271
Buck Canyon	5861	5917	5860	5934	5868	5906	5894	5948
North Horn	6532	6588	6535	6609	6543	6581	6575	6630
KMV Price River	6869	6925	6870	6944	6880	6918	6926	6980
KMV Price River Middle	7750	7806	7751	7824	7759	7797	7798	7853
KMV Price River Lower	8551	8607	8551	8624	8558	8596	8592	8647
Sego	9067	9123	9067	9141	9086	9124	9098	9152
TD	9265	9321	9265	9339	9285	9326	9300	9354
ANTICIPATED BHP (PSI)	50	5059		59	50 <sup>-</sup>	70	50	78

	CWU 1	502-25D						
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1387	1398						
Birdsnest	1706	1722						
Mahogany Oil Shale Bed	2296	2322						
Wasatch	4653	4690						
Chapita Wells	5231	5269						
Buck Canyon	5918	5956						
North Horn	6586	6623						
KMV Price River	6946	6983						
KMV Price River Middle	7815	7852						
KMV Price River Lower	8606	8644						
Sego	9112	9150						
TD	9310	9348						
ANTICIPATED BHP (PSI)	5083							

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

# MULTI-WELL PAD: CWU 1498-25D, CWU 1499-25D, CWU 1500-25D, CWU 1501-25D, CWU 1502-25D

NE/NW, SEC. 25, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig

BOP schematic diagrams attached.

## 4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 - 2,300'±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface - TD	4 ½"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

# 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

# Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water

or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

# MULTI-WELL PAD: CWU 1498-25D, CWU 1499-25D, CWU 1500-25D, CWU 1501-25D, CWU 1502-25D

NE/NW, SEC. 25, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

# **Production Hole Procedure (2300'± - TD):**

Anticipated mud weight 9.5-10.5 ppg depending on actul wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

# 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### 8. EVALUATION PROGRAM:

Logs: None

**Cased-hole Logs**: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Gamma Ray

# MULTI-WELL PAD: CWU 1498-25D, CWU 1499-25D, CWU 1500-25D, CWU 1501-25D, CWU 1502-25D

NE/NW, SEC. 25, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 9. CEMENT PROGRAM:

### Surface Hole Procedure (Surface - 2300'±):

**Lead:** 150 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: 135 sks Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk.,

5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note**: The above number of sacks is based on gauge-hole calculation

Lead volume to be calculated to bring cement to surface.

Tail volume to be calculated to bring cement to 500' above the shoe.

# Production Hole Procedure (2300'± - TD)

**Lead:** 130 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 905 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

# MULTI-WELL PAD: CWU 1498-25D, CWU 1499-25D, CWU 1500-25D, CWU 1501-25D, CWU 1502-25D

NE/NW, SEC. 25, T9S, R22E, S.L.B.&M... UINTAH COUNTY, UTAH

## 10. ABNORMAL CONDITIONS:

## Surface Hole (Surface - 2300'±):

Lost circulation

# Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

## 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

## 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

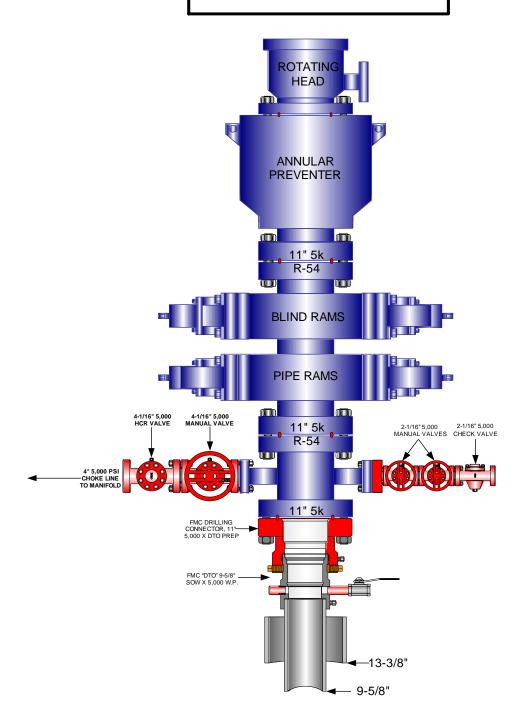
## 13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

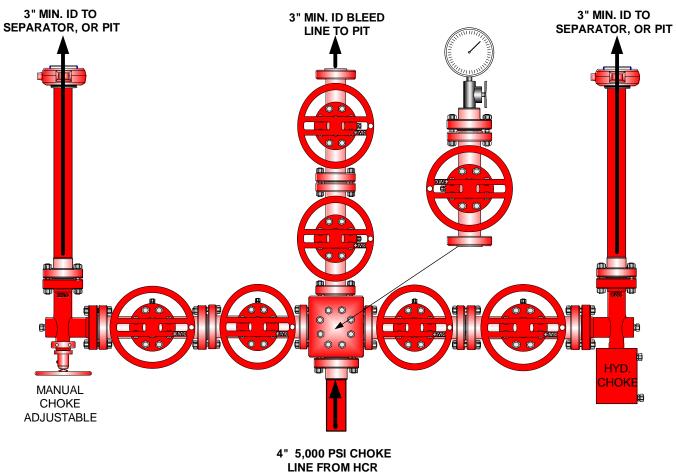
EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/5,000 PSI WP VALVES

**PAGE 2 0F 2** 



LINE FROM HCR VALVE

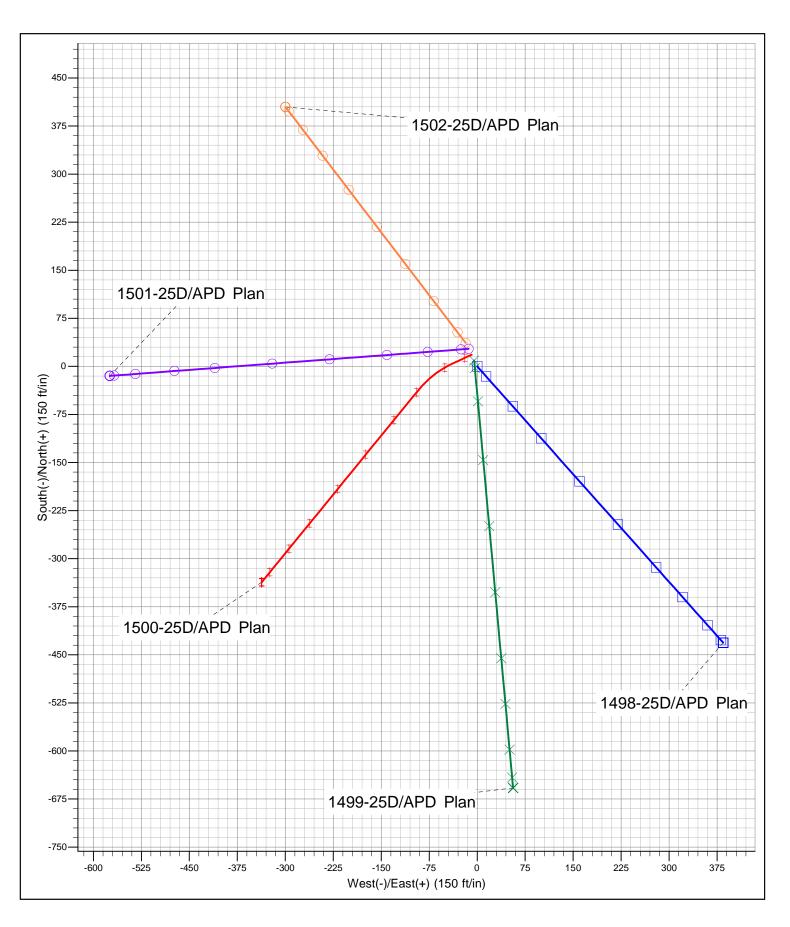
# **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# CWU 1498-25D, CWU 1499-25D, CWU 1500-25D CWU 1501-25D, CWU 1502-25D

NE/NW, SEC. 25 T9S, R22E, S.L.B. & M. UINTAH COUNTY, UTAH







# **Denver Division - Utah**

T9S-R22E Sec 25 CWU 1498-1502 25D (Pad B1\_CWU 702-25\_Set 6) 1498-25D

Wellbore #1

Plan: APD Plan

# **Standard Survey Report**

21 October, 2009



Well:

#### **EOG Resources**

#### Survey Report

MD Reference:

Company: Denver Division - Utah Project: T9S-R22E Sec 25

CWU 1498-1502 25D (Pad B1 CWU Site:

702-25\_Set 6) 1498-25D

Wellbore: Wellbore #1

APD Plan Design:

Local Co-ordinate Reference:

Well 1498-25D RIG @ 5054.0ft (TRUE 34) **TVD Reference:** 

RIG @ 5054.0ft (TRUE 34)

North Reference: True

**Survey Calculation Method:** Minimum Curvature

Database: EDM 2003.21 Single User Db

Project T9S-R22E Sec 25

Map System: US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Geo Datum: Utah North 4301 Map Zone:

System Datum:

Mean Sea Level

Site CWU 1498-1502 25D (Pad B1\_CWU 702-25\_Set 6)

Northing: -109,685.77 ft Site Position: 40° 0' 45.299 N Latitude: From: Lat/Long Easting: 2,591,075.99 ft Longitude: 109° 23' 24.360 W 0.0 ft Slot Radius: Grid Convergence: 1.39° **Position Uncertainty:** 

Well 1498-25D **Well Position** +N/-S 0.0 ft -109,666.68 ft 40° 0' 45.479 N Northing: Latitude: +E/-W 0.0 ft 2,591,112.24 ft 109° 23' 23.888 W Easting: Longitude: **Position Uncertainty** 0.0 ft Wellhead Elevation: **Ground Level:** 5,035.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	6/1/2009	11.28	65.96	52,582

APD Plan Design Audit Notes: **PROTOTYPE** 0.0 Version: Phase: Tie On Depth: Vertical Section: Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.0 0.0 0.0 138.27

10/21/2009 Survey Tool Program Date From То (ft) (ft) Survey (Wellbore) **Tool Name** Description 0.0 9,321.5 APD Plan (Wellbore #1) MWD MWD - Standard

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.50	138.27	400.0	-1.0	0.9	1.3	1.50	1.50	0.00
500.0	3.00	138.27	499.9	-3.9	3.5	5.2	1.50	1.50	0.00
600.0	4.50	138.27	599.7	-8.8	7.8	11.8	1.50	1.50	0.00
700.0	6.00	138.27	699.3	-15.6	13.9	20.9	1.50	1.50	0.00
800.0	7.50	138.27	798.6	-24.4	21.8	32.7	1.50	1.50	0.00
900.0	9.00	138.27	897.5	-35.1	31.3	47.0	1.50	1.50	0.00
1,000.0	10.50	138.27	996.1	-47.7	42.6	64.0	1.50	1.50	0.00
1,100.0	12.00	138.27	1,094.2	-62.3	55.6	83.5	1.50	1.50	0.00



Well:

## **EOG Resources**

Survey Report

Company: Denver Division - Utah
Project: T9S-R22E Sec 25

Site: CWU 1498-1502 25D (Pad B1\_CWU

702-25\_Set 6) 1498-25D

Wellbore: Wellbore #1

Design: APD Plan

Local Co-ordinate Reference:

 TVD Reference:
 RIG @ 5054.0ft (TRUE 34)

 MD Reference:
 RIG @ 5054.0ft (TRUE 34)

Well 1498-25D

North Reference: True

Survey Calculation Method: Minimum Curvature

sign:	APD Plan			Database:			EDM 2003.21 Si	ngle User Db	
inned Survey									
Measure Depth	d Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
1,160	6.7 13.00	138.27	1,159.3	-73.1	65.2	97.9	1.50	1.50	0.00
1,200	0.0 13.00	138.27	1,191.7	-78.7	70.2	105.4	0.00	0.00	0.00
1,300	0.0 13.00	138.27	1,289.2	-95.4	85.1	127.9	0.00	0.00	0.00
1,400	0.0 13.00	138.27	1,386.6	-112.2	100.1	150.4	0.00	0.00	0.00
1,500		138.27	1,484.0	-129.0	115.1	172.9	0.00	0.00	0.00
1,600		138.27	1,581.5	-145.8	130.0	195.4	0.00	0.00	0.00
1,700	0.0 13.00	138.27	1,678.9	-162.6	145.0	217.9	0.00	0.00	0.00
1,800	0.0 13.00	138.27	1,776.4	-179.4	160.0	240.4	0.00	0.00	0.00
1,900	0.0 13.00	138.27	1,873.8	-196.2	175.0	262.9	0.00	0.00	0.00
2,000		138.27	1,971.2	-213.0	189.9	285.4	0.00	0.00	0.00
2,000		138.27	2,068.7	-213.0	204.9	307.9	0.00	0.00	0.00
2,100		138.27	2,166.1	-246.5	219.9	330.3	0.00	0.00	0.00
2,300		138.27	2,263.5	-263.3	234.9	352.8	0.00	0.00	0.00
2,400		138.27	2,361.0	-280.1	249.8	375.3	0.00	0.00	0.00
2,500		138.27	2,458.4	-296.9	264.8	397.8	0.00	0.00	0.00
2,600		138.27	2,555.8	-313.7	279.8	420.3	0.00	0.00	0.00
2,640		138.27	2,600.6	-321.4	286.7	430.7	0.00	0.00	0.00
2,700		138.27	2,653.3	-330.3	294.6	442.6	1.00	-1.00	0.00
2,800		138.27	2,751.2	-345.8	308.4	463.3	1.00	-1.00	0.00
2,900		138.27	2,849.3	-359.9	321.0	482.3	1.00	-1.00	0.00
3,000		138.27	2,947.8	-372.9	332.5	499.6	1.00	-1.00	0.00
3,100		138.27	3,046.6	-384.5	342.9	515.2	1.00	-1.00	0.00
3,200	0.0 7.46	138.27	3,145.6	-394.8	352.1	529.0	1.00	-1.00	0.00
3,300	0.0 6.46	138.27	3,244.9	-403.9	360.2	541.1	1.00	-1.00	0.00
3,400	0.0 5.46	138.27	3,344.4	-411.6	367.1	551.5	1.00	-1.00	0.00
3,500	0.0 4.46	138.27	3,444.0	-418.1	372.9	560.2	1.00	-1.00	0.00
3,600	0.0 3.46	138.27	3,543.8	-423.2	377.5	567.1	1.00	-1.00	0.00
3,700	0.0 2.46	138.27	3,643.6	-427.1	380.9	572.2	1.00	-1.00	0.00
3,800	0.0 1.46	138.27	3,743.6	-429.6	383.2	575.7	1.00	-1.00	0.00
3,900		138.27	3,843.5	-430.9	384.3	577.3	1.00	-1.00	0.00
3,940		0.00	3,889.5	-431.0	384.4	577.5	1.00	-1.00	0.00
4,000		0.00	3,943.5	-431.0	384.4	577.5	0.00	0.00	0.00
4,100		0.00	4,043.5	-431.0	384.4	577.5	0.00	0.00	0.00
4,200	0.0 0.00	0.00	4,143.5	-431.0	384.4	577.5	0.00	0.00	0.00
4,200		0.00	4,143.5 4,243.5	-431.0 -431.0	384.4	577.5 577.5	0.00	0.00	0.00
4,400		0.00	4,343.5	-431.0 -431.0	384.4	577.5	0.00	0.00	0.00
4,500		0.00	4,443.5	- <del>4</del> 31.0	384.4	577.5	0.00	0.00	0.00
4,600		0.00	4,543.5	- <del>4</del> 31.0	384.4	577.5	0.00	0.00	0.00
4,700		0.00	4,643.5	-431.0	384.4	577.5	0.00	0.00	0.00
4,800		0.00	4,743.5	-431.0	384.4	577.5	0.00	0.00	0.00
4,900		0.00	4,843.5 4,943.5	-431.0	384.4 384.4	577.5 577.5	0.00	0.00	0.00 0.00
5,000		0.00		-431.0		577.5 577.5	0.00	0.00	
5,100		0.00	5,043.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,200		0.00	5,143.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,300		0.00	5,243.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,400		0.00	5,343.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,500		0.00	5,443.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,600	0.00	0.00	5,543.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,700	0.0	0.00	5,643.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,800		0.00	5,743.5	-431.0	384.4	577.5	0.00	0.00	0.00
5,900		0.00	5,843.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,000		0.00	5,943.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,100	0.0 0.00	0.00	6,043.5	-431.0	384.4	577.5	0.00	0.00	0.00



Well:

## **EOG Resources**

Survey Report

Company: Denver Division - Utah Project: T9S-R22E Sec 25

Site: CWU 1498-1502 25D (Pad B1\_CWU

702-25\_Set 6) 1498-25D

Wellbore #1 APD Plan Design:

Wellbore:

Local Co-ordinate Reference:

TVD Reference: MD Reference:

Well 1498-25D

RIG @ 5054.0ft (TRUE 34) RIG @ 5054.0ft (TRUE 34)

True North Reference:

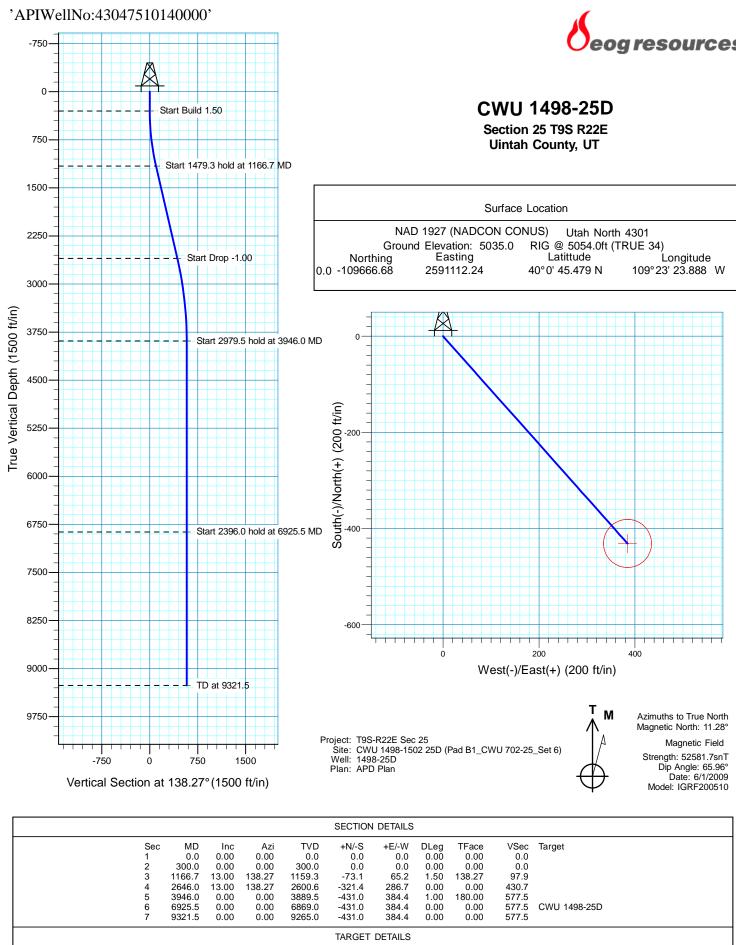
**Survey Calculation Method:** Minimum Curvature

Database: EDM 2003.21 Single User Db

Measured Depth									
(ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,200.0	0.00	0.00	6,143.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,243.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,343.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,443.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,543.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,643.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,743.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,843.5	-431.0	384.4	577.5	0.00	0.00	0.00
6,925.5	0.00	0.00	6,869.0	-431.0	384.4	577.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,943.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,100.0	0.00	0.00	7,043.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,143.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,243.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,343.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,443.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,543.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,643.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,743.5	-431.0	384.4	577.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,843.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,943.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,100.0	0.00	0.00	8,043.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,143.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,243.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,343.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,443.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,543.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,643.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,743.5	-431.0	384.4	577.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,843.5	-431.0	384.4	577.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,943.5	-431.0	384.4	577.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,043.5	-431.0	384.4	577.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,143.5	-431.0	384.4	577.5	0.00	0.00	0.00
9,300.0 9,321.5	0.00 0.00	0.00 0.00	9,243.5 9,265.0	-431.0 -431.0	384.4 384.4	577.5 577.5	0.00 0.00	0.00 0.00	0.00 0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
CWU 1498-25D - plan hits target cent - Circle (radius 50.0)		0.00	6,869.0	-431.0	384.4	-110,088.23	2,591,506.99	40° 0' 41.220 N	109° 23' 18.949 W

Checked By:	Approved By:	Dat	e:
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	Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
	1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	•	
	2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0		
	3	1166.7	13.00	138.27	1159.3	-73.1	65.2	1.50	138.27	97.9		
	4	2646.0	13.00	138.27	2600.6	-321.4	286.7	0.00	0.00	430.7		
	5	3946.0	0.00	0.00	3889.5	-431.0	384.4	1.00	180.00	577.5		
	6	6925.5	0.00	0.00	6869.0	-431.0	384.4	0.00	0.00	577.5	CWU 1498-25	D
	7	9321.5	0.00	0.00	9265.0	-431.0	384.4	0.00	0.00	577.5		
						TARGET	DETAILS					
Name	TVI	1+ D	N/-S	+E/-W	Northing		Easting		Latitude		Longitude	Shape
CWU 1498-25D	6869.	.0 -43	31.0	384.4	-110088.23		506.99	40°0'	41.220 N	109°23'	18.949 W	Circle (Radius: 50.0)



# Chapita Wells Unit 1498-25D, 1499-25D, 1500-25D, 1501-25D, 1502-25D NENW, Section 25, T9S, R22E Uintah County, Utah

## SURFACE USE PLAN

The well pad is approximately 350 feet long with a 235-foot width, containing 2 acres more or less. New surface disturbance associated with well pad is estimated to be approximately 2 acres.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 50.8 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The existing access road for the Chapita Wells Unit 702-25 and Chapita Wells Unit 911-25 will be used to access the proposed locations.
- B. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

# 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, Six (6) to Ten (10) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. No off well pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 911-25 and Chapita Wells Unit 702-25 will be used.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility: right-of-way UTU 86010, and UTU 897093, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilled utilizing a closed loop system. The closed loop system will be installed in a manner that prevents leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on the location and access road. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and

production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be seeded with the approved seed mixture from this.

Access to the well pad will be from the south.

Diversion ditch(es) shall be constructed on the east and southeast side of the location.

The corners of the well pad will be rounded off to minimize excavation.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

# A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be reclaimed – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled topsoil will then be spread over the pit area (See Figure #4) and broadcast seeded with the prescribed seed mixture for this location as authorized within EOG's reclamation plan filed September 29, 2009.

# B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

**Bureau of Land Management** 

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.

 A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road or existing pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, MOAC Report # 06-615, on April 14, 2007. A paleontological

# Chapita Wells Unit 1498-25D, 1499-25D, 1500-25D, 1501-25D, & 1502-25D Surface Use Plan

Page 7

survey was conducted and submitted by Intermountain Paleo, IPC Report # 09-196, on January 28, 2010.

# **Additional Surface Stipulations:**

None

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#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

# **PERMITTING AGENT**

Amber Schaller EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

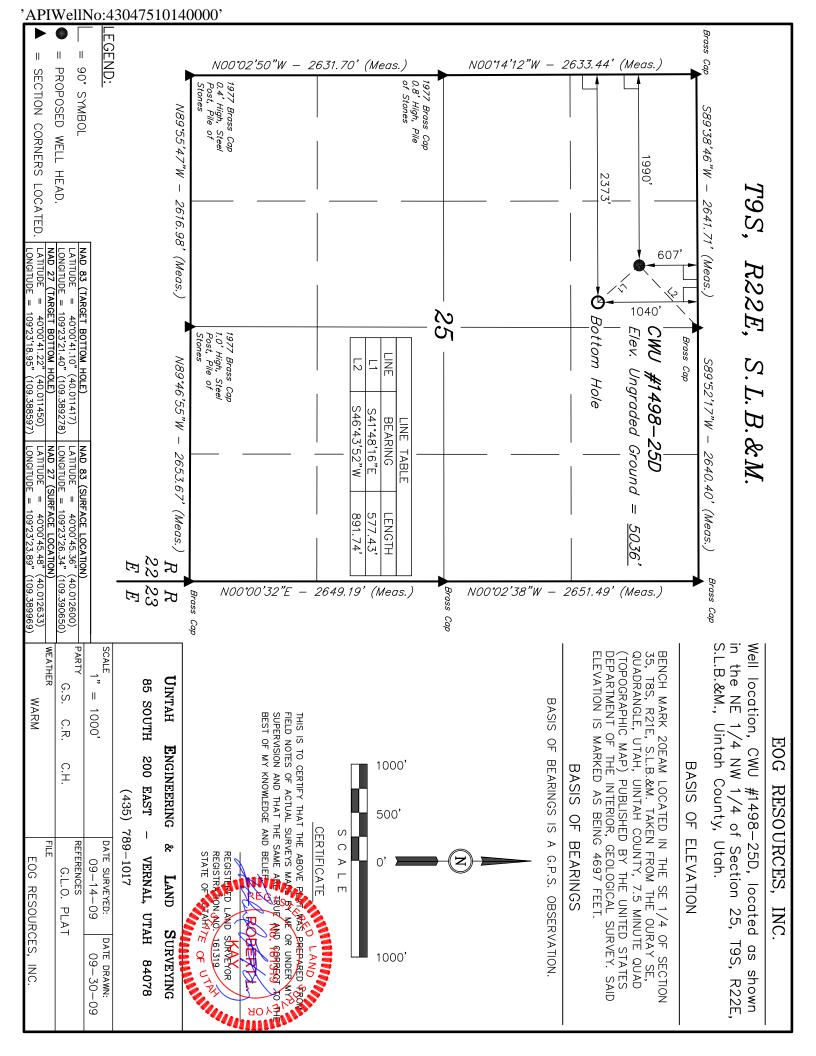
Page 9

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1498-25D, 1499-25D, 1500-25D, 1501-25D, 1502-25D Wells, located in the NENW, of Section 25, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

	Amber Schaller	
March 16, 2010		
Date	Amber Schaller Regulatory Assistant	



# **EOG RESOURCES, INC.**

CWU #1498-25D, #1499-25D, #1500-25D, #1501-25D & #1502-25D LOCATED IN UINTAH COUNTY, UTAH SECTION 25, T98, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERAANGLE: NORTHERLY



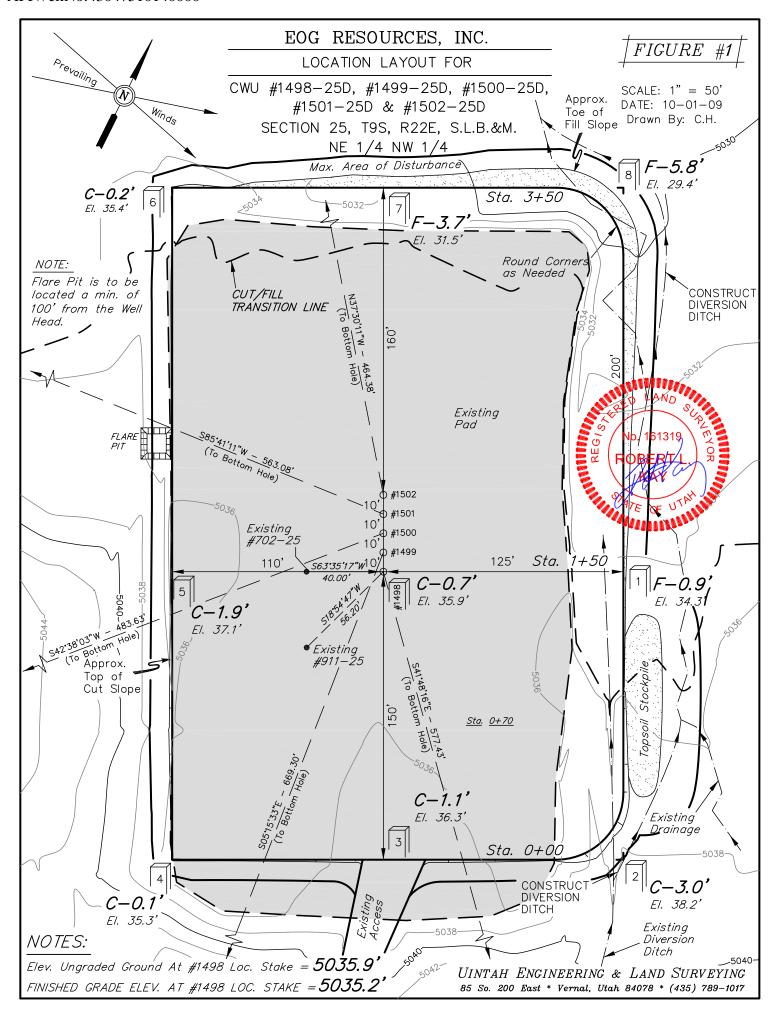
LOCATION PHOTOS

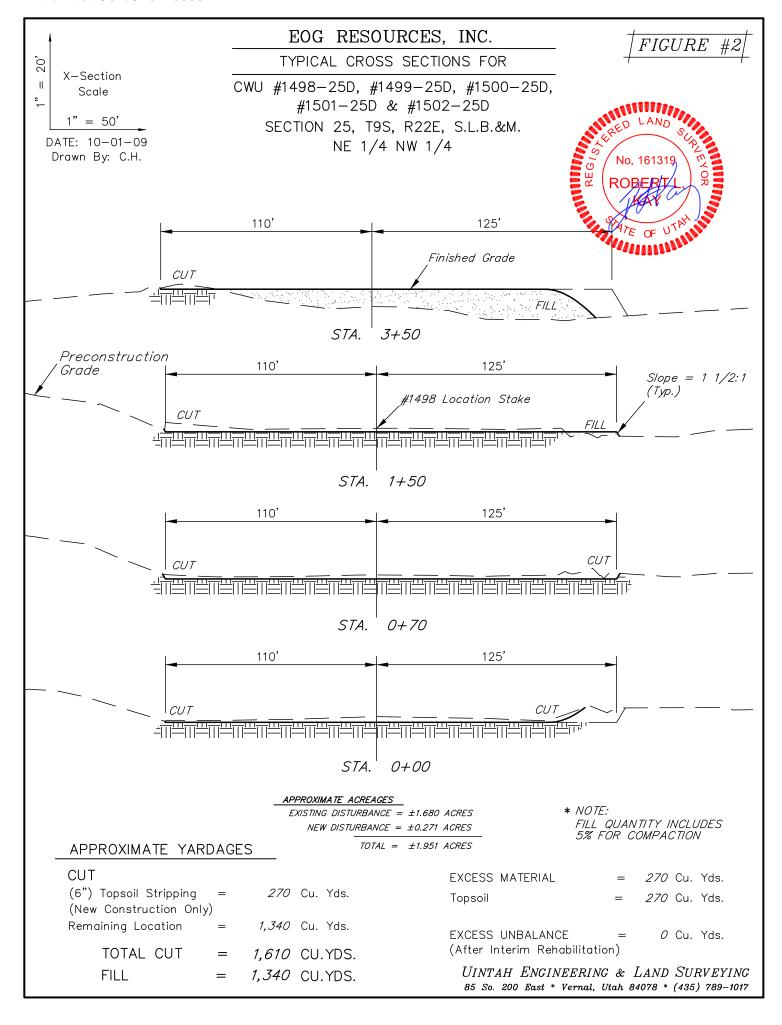
OSCIPLIANOS DE LOCATION PHOTOS

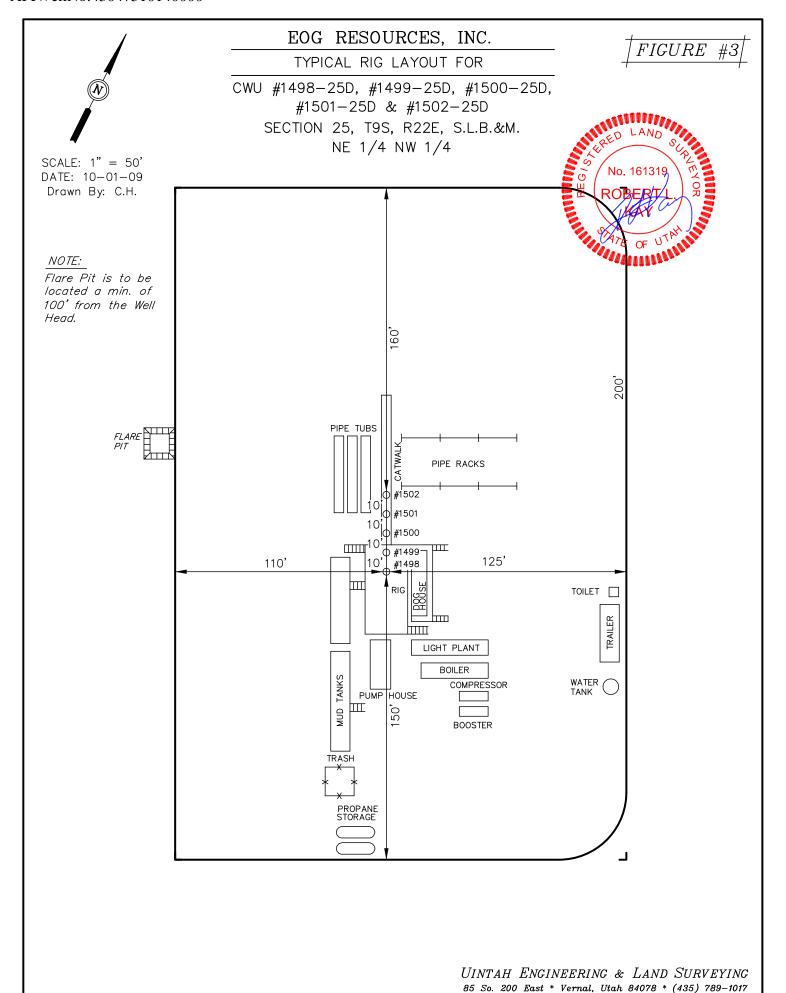
MONTH DAY VEAR

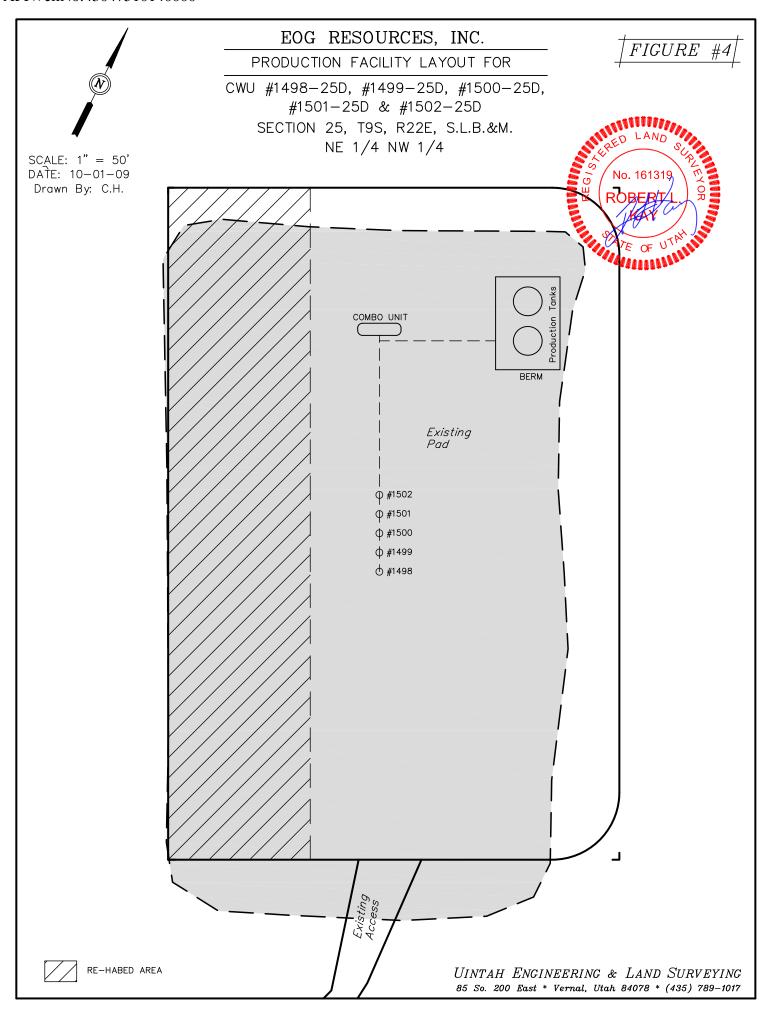
PHOTO

TAKEN BY: G.S. DRAWN BY: Z.L. REVISED: 00-00-00





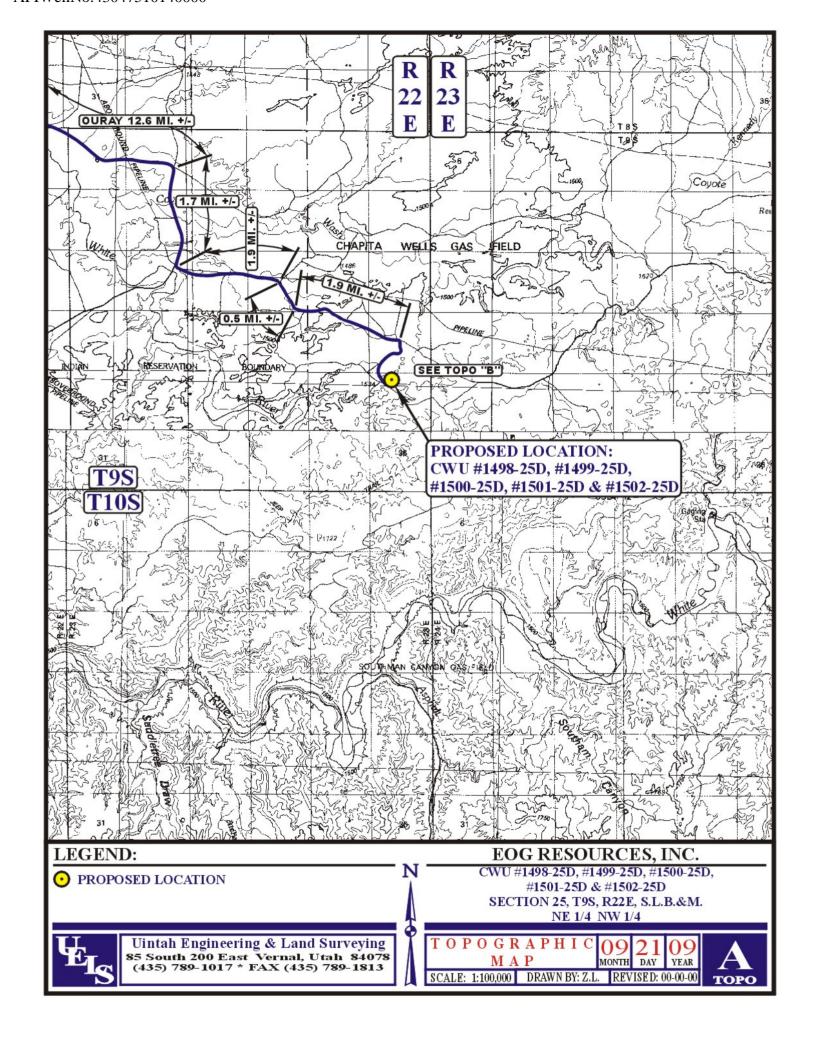


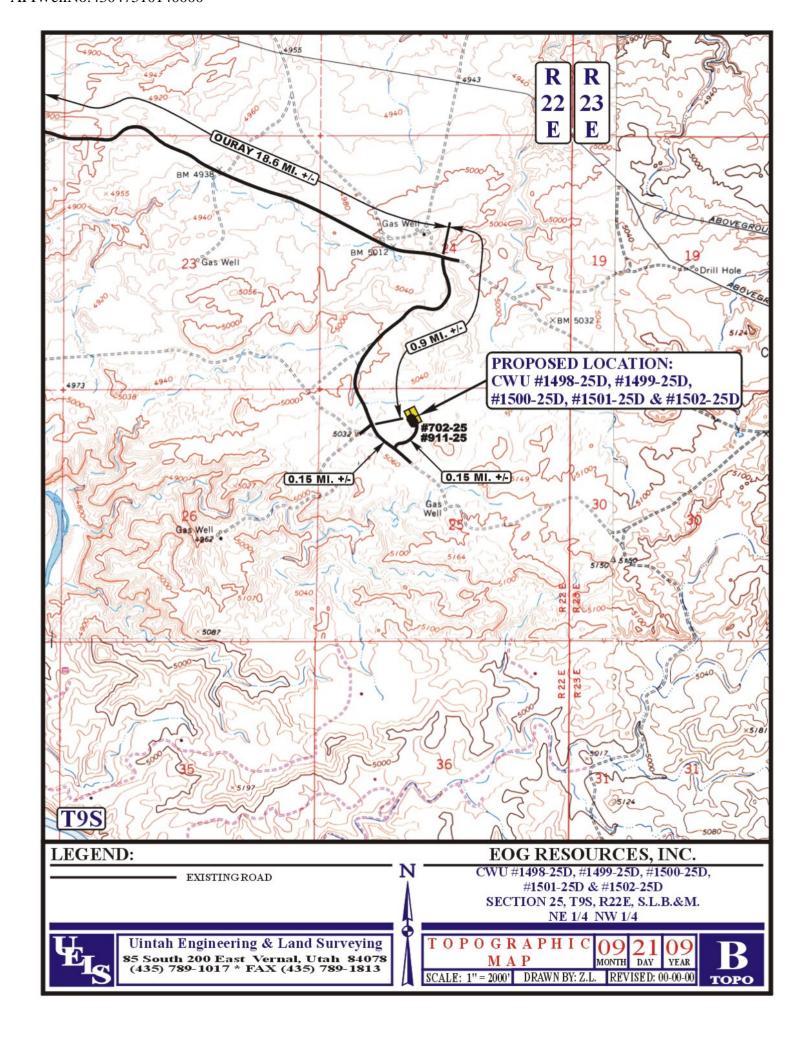


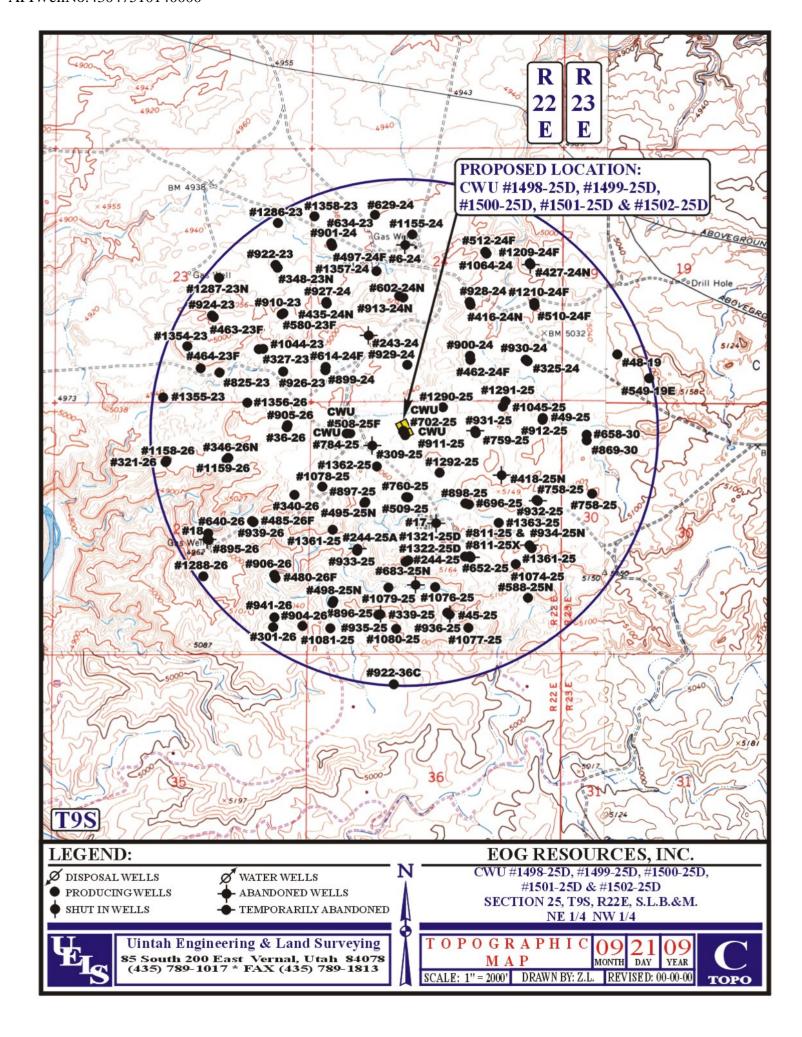
# EOG RESOURCES, INC. CWU #1498-25D, #1499-25D, #1500-25D, #1501-25D & #1502-25D SECTION 25, T9S, R22E, S.L.B.&M.

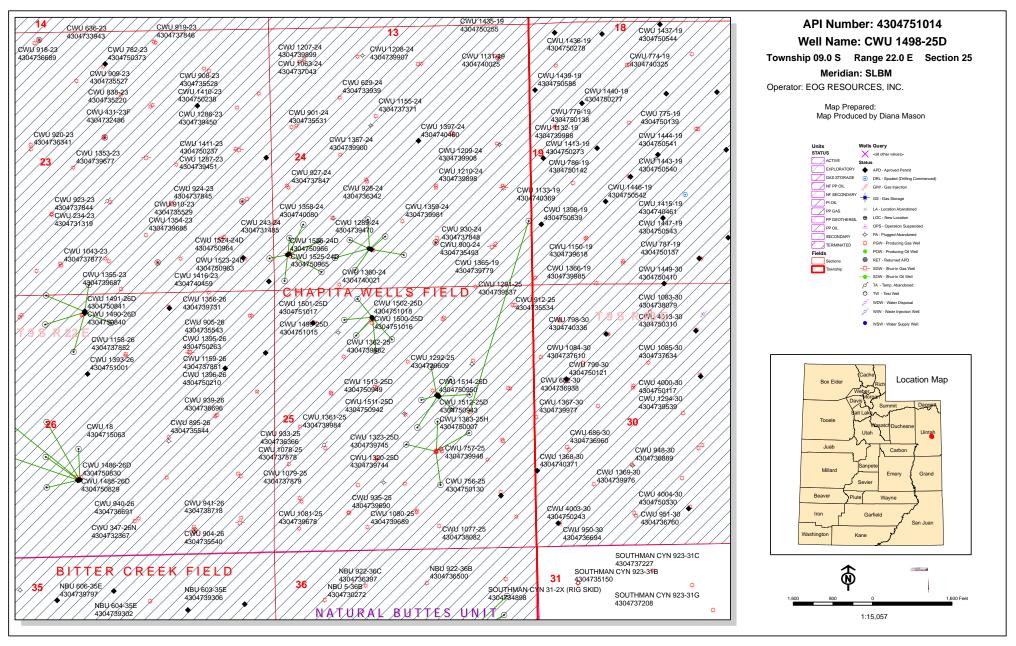
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST: TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.8 MILES.









# **United States Department of the Interior**

### BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

March 22, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Chapita Wells Unit, Uintah County, Utah.

API # WELL NAME LOCATION

(Proposed PZ MESA VERDE)

43-047-51014 CWU 1498-25D Sec 25 T09S R22E 0607 FNL 1990 FWL BHL Sec 25 T09S R22E 1040 FNL 2373 FWL

43-047-51015 CWU 1499-25D Sec 25 T09S R22E 0598 FNL 1985 FWL BHL Sec 25 T09S R22E 1265 FNL 2044 FWL

43-047-51016 CWU 1500-25D Sec 25 T09S R22E 0589 FNL 1981 FWL BHL Sec 25 T09S R22E 0943 FNL 1652 FWL

43-047-51017 CWU 1501-25D Sec 25 T09S R22E 0580 FNL 1977 FWL BHL Sec 25 T09S R22E 0619 FNL 1415 FWL

43-047-51018 CWU 1502-25D Sec 25 T09S R22E 0571 FNL 1972 FWL BHL Sec 25 T09S R22E 0201 FNL 1691 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:3-22-10



March 26, 2010

Diana Whitney Utah Division of Oil, Gas, & Mining P.O. Box 145801 Salt Lake City, Utah 54114-5801 EOG Resources, Inc. 600 Seventeenth Street Suite 1000N Denver, CO 80202 Main: 303-572-9000 Fax: 303-824-5400

2488

RE: Directional Application

Lease UTU-0285-A Chapita Wells Unit 1498-25D Section 25, T9S, R22E Uintah County, Utah

Ms. Whitney,

Pursuant to the filing of Chapita Wells Unit 1498-25D Application for Permit to Drill regarding the above referenced well on March 17, 2010, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

- EOG Resources, Inc. is the only lease operator/working interest owner within a 460 foot radius of the Chapita Wells Unit 1498-25D well bore, located within Section 25, T9S, R22E, Uintah County, Utah.
- EOG Resources, Inc. is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, EOG will be able to utilize the existing road infrastructure.
- Furthermore, EOG hereby certifies that EOG is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the above stated information, EOG Resources, Inc. requests the permit be granted pursuant to R649-3-11.

Sincerely,

Amber Schaller Regulatory Assistant

Instruschally

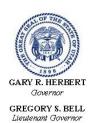
MAR 3 0 2010

DIV. OF OIL, GAS & MINING

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED:	3/17/2010	API NO. ASSIGNED:	43047510140000		
WELL NAME:	CWU 1498-25D				
OPERATOR:	EOG Resources, Inc. (N955	PHONE NUMBER:	303 824-5582		
CONTACT:	Amber Schafer				
PROPOSED LOCATION:	NENW 25 090S 220E				
SURFACE:	0607 FNL 1990 FWL	Engineering Review:			
воттом:	1040 FNL 2373 FWL	Geology Review:			
COUNTY:	UINTAH				
LATITUDE:	40.01266	LONGITUDE:	-109.38991		
UTM SURF EASTINGS:	637419.00	NORTHINGS:	4430193.00		
FIELD NAME:	NATURAL BUTTES				
LEASE TYPE:	1 - Federal				
LEASE NUMBER:	UTU0285A PROPO	SED PRODUCING FORMATION(S): MESA	VERDE		
SURFACE OWNER:	1 - Federal	COALBED METHANE:	NO		
RECEIVED AND/OR REVIEWE	D:	LOCATION AND SITING:			
<b>∠</b> PLAT		R649-2-3.			
<b>☑</b> Bond: FEDERAL - NM2308		Unit: CHAPITA WELLS			
Potash		R649-3-2. General			
✓ Oil Shale 190-5					
Oil Shale 190-3		R649-3-3. Exception			
Oil Shale 190-13		✓ Drilling Unit			
<b>✓ Water Permit:</b> 49-225		<b>Board Cause No:</b> Cause 179-8			
RDCC Review:		Effective Date: 8/10/1999			
Fee Surface Agreement	Fee Surface Agreement Siting: Suspends General Siting				
Intent to Commingle	☐ Intent to Commingle				
Commingling Approved					
Comments: Presite Comp	eleted				
<b>Stipulations:</b> 4 - Federal A	Approval - dmason				
Supulations: 4 - rederal A	Approval - dmason				

4 - Federal Approval - dmason 15 - Directional - dmason 17 - Oil Shale 190-5(b) - dmason



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# Permit To Drill

\*\*\*\*\*\*

**Well Name:** CWU 1498-25D **API Well Number:** 43047510140000

**Lease Number:** UTU0285A **Surface Owner:** FEDERAL **Approval Date:** 4/1/2010

#### **Issued to:**

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

API Well No: 43047510140000

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

### **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

Gil Hunt

Associate Director, Oil & Gas

Die Hunt

	STATE OF UTAH	050			FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		3	5.LEAS UTU02	E DESIGNATION AND SERIAL NUMBER: 85A
SUNDF	RY NOTICES AND REPORT	S ON	I WELLS	6. IF IN	IDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepo gged wells, or to drill horizontal laterals				or CA AGREEMENT NAME: TA WELLS
1. TYPE OF WELL Gas Well					L NAME and NUMBER: 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: xt		<b>D and POOL or WILDCAT:</b> RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL				COUNT	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian	n: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPORT,	OR OTI	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
3/29/2011	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	□ <b>:</b>	SI TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	отн	ED.
			-		<u></u>
l .	prespectfully requests the AF extended for one yea	D for		e	approved by the
				໌	Jtah Division of
				Oi	l, Gas and Mining
			_		03/31/2011
			D	ate:_	-0 - (A)
			E	3y: <u>&amp;</u>	Myll
					99
NAME (PLEASE PRINT)	PHONE NUMBE	R	TITLE		
Mickenzie Gates	435 781-9145	-	Operations Clerk		
SIGNATURE N/A			<b>DATE</b> 3/29/2011		



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047510140000

**API:** 43047510140000 **Well Name:** CWU 1498-25D

Location: 0607 FNL 1990 FWL QTR NENW SEC 25 TWNP 090S RNG 220E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 4/1/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?   Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes </li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔵 Yes 🌘 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

**Signature:** Mickenzie Gates **Date:** 3/29/2011

**Title:** Regulatory Assistant **Representing:** EOG RESOURCES, INC.

# RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR MAR 1 7 2010 BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No. UTU0285A

6. If Indian, Allottee or Tribe Name

APPLICATION FOR	PERMIT TO DRILL	OR REENTER
· · · · · · · · · · · · · · · · · · ·	· LICINIII I O DICIEL	

1a. Type of Work: DRILL REENTER		
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No. UTU63013BF
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Ot	<b>+</b> • • • • • • • • • • • • • • • • • • •	8. Lease Name and Well No. CWU 1498-25D
Name of Operator Contact:  EOG RESOURCES INC E-Mail: amber_	AMBER SCHALLER schaller@eogresources.com	9. API Well No. 43 047 51014
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5882 Fx: 303-824-5583	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in accord	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
	40.01260 N Lat, 109.39065 W Lon	Sec 25 T9S R22E Mer SLB SME: BLM
At proposed prod. zone NENW 1040FNL 2373FW		OME. BEM
<ol> <li>Distance in miles and direction from nearest town or post 50.8 MILES SOUTH OF VERNAL, UT</li> </ol>	office*	12. County or Parish 13. State UINTAH UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> </ol>	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well
1040'	1800.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file
400'	9321 MD 9265 TVD	NM2308
21. Elevations (Show whether DF, KB, RT, GL, etc. 5036 GL	22. Approximate date work will start	23. Estimated duration
	24. Attachments	
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to t	his form:
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Systs SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	em Lands, the ice).  4. Bond to cover the operation Item 20 above).  5. Operator certification 6. Such other site specific infeauthorized officer.	ormation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) AMBER SCHALLER Ph: 303-824-5882	Date 03/17/2010
Title REGULATORY ASSISTANT		
Approved by (Signature)	Jerry Kenczka	APR 1 2 2011
Assistant Field Manager Lands & Mineral Resources	Office  VERNAL FIELD OFFI	CE
Application approval does not warrant or certify the applicant hole perations thereon.  Conditions of approval, if any, are attached.	ds legal or equitable title to those rights in the subject less  DITIONS OF APPROVAL ATTACHED	Se which would entitle the applicant to conduct
ritle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1011, rates any false, fictitious or fraudulent statements or representations.	nake it a crime for any person knowingly and willfully to	make to any department or agency of the United

Additional Operator Remarks (see next page)

Electronic Submission #82826 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 03/18/2010 (10RRH0159AE)
APR 1 8 2011

RECEIVED

**NOTICE OF APPROVAL** 

DIV. OF OIL, GAS & MINING

.M REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

API No:

EOG Resources, Inc.

CWU 1498-25D

43-047-51014

Location:

NENW, Sec. 25, T9S, R22E

Lease No:

Agreement:

**Chapita Wells Unit** 

OFFICE NUMBER:

(435) 781-4400

UTU-0285A

OFFICE FAX NUMBER:

(435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit was processed using a 390 CX tied to NEPA approved 03/31/2008. Therefore, this permit is approved for a two (2) year period OR until lease expiration OR the well must be spud by 03/31/2013 (5 years from the NEPA approval date), whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)		Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.
	_	production resumes after well has been off production

Page 2 of 6 Well: CWU 1498-25D 4/11/2011

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
  work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
  mitigation may be necessary for the discovered paleontologic material before construction can
  continue.
- If during any construction any vertebrate paleontological resources are discovered, all operations
  affecting such sites shall be immediately suspended and all discoveries shall be left intact until
  authorized to proceed by the authorized officer.

Page 3 of 6 Well: CWU 1498-25D

4/11/2011

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

#### Variances Granted

### Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Page 4 of 6 Well: CWU 1498-25D 4/11/2011

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 1498-25D

4/11/2011

# **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <a href="https://www.ONRR.gov">www.ONRR.gov</a>.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on
  which the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be
  reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported
  verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will
  be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of
  Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

Page 6 of 6 Well: CWU 1498-25D 4/11/2011

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
  suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
  obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval
  of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

# **SPUDDING INFORMATION**

Name of Cor	npany:	EOG RESO	URCES, IN	IC.		
Well Name	<b>:</b>	CWU 1498-	25D			
Api No:	43-047-510	014	_Lease Typ	pe	FEDE:	RAL
Section 25	Township_	<b>09S</b> Ran	nge <u>22E</u>	County	<u>UIN</u>	ГАН
Drilling Con	tractorCl	RAIG'S ROU	<u>ISTABOUT</u>	SERV	_RIG #	BUCKET
SPUDDE	D:					
	Date	07/13/2011				
	Time	8:00 AM				
	How	DRY				
Drilling wi	ll Commen	ce:				
Reported by_		GERO	LD ASHCE	ROFT		
Telephone #_		(435) 7	781-9135			
Date	07/13/2011	Signed	CHD			

			FORM 9
	STATE OF UTAH	250	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT OF CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		ONE NUMBER: 111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATION	ONS CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
/	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
✓ SPUD REPORT  Date of Spud:	REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
7/13/2011	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	□ water shutoff	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:			
	WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:
	ompleted operations. Clearly show all per eferenced well was spud on J		
			Accepted by the
			Utah Division of
			Oil, Gas and Mining
		FC	OR RECORD ONLY
NAME (PLEASE PRINT) Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	TITLE Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 7/14/2011	

			FORM 9
	STATE OF UTAH		TOKIN 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
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Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
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3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
7/13/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Drilling Operations
12 DESCRIPE PROPOSED OR SO		·	,
	OMPLETED OPERATIONS. Clearly show all per vity has occurred since spud o		volumes, etc.
110 450.	ne, nas securrea since spaa s		
			Accepted by the
			Utah Division of
			l, Gas and Mining
		FOF	R RECORD ONLY
 	<b></b>		
MAME (PLEASE PRINT) Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	TITLE Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 7/14/2011	

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9		
	DIVISION OF OIL, GAS, AND MINING				
SUNDF	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposition to hottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047510140000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		E NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
EOG Resources, Inc produced water at 550-30N SWD 1,2,3,4,5,6&7 5. WI	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all pertic. respectfully requests authorize the following locations: 1. NB 3. CWU 2-29 SWD 4. Red Washite River Evaporation Ponds 18 posal 8. Hoss SWD Wells ROW	zation for the disposal of U 20-20B SWD 2. CWU n Evaporation Ponds A &2 6. Coyote Evaporation # UTU86010 & UTU8970	Accepted by the Utah Division of		
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE  Descriptions Assistant			
Michelle Robles  SIGNATURE N/A	307 276-4842	Regulatory Assistant  DATE 7/14/2011			

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM						
Operator:	EOG Resources, Inc.		Operator Account Number:	N 9550		
Address:	1060 East Highway 40		operator, toodant marrison.	13		
	city Vernal					
	state UT	zip 84078	Phone Number:	(307) 276-4842		

Well 1

API Number	Well	Well Name		Sec	Twp.	Rng	County
43-047-51014	Chapita Wells Unit 1498-25D		NENW	25	98	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment		
*B	99999	13650	7/13/2011		7/	20/11	
Comments: MES	AVERDE	BHL= N	ENW				_

Weil 2

API Number Well Name			QQ .	Sec	Twp	. Ring.	County
Action Code	Current Entity Number	New Entity Number		 Spud Da	te	Enti E	ty Assignment fective Date
Comments:					*****		

# Well 3

API Number	API Number Well Name		QQ Sec Twp.		Rng County		
Action Code	Current Entity Number	New Entity Number		pud Da	te 🥠	Enti Ef	ty Assignment fective Date
Comments:				<u>, , , , , , , , , , , , , , , , , , , </u>			

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

1011	CHILLY			
		_ (1	/-	-
	<b>'-1</b> "	-11	/	
п		L_# \	v = 1	

JUL 1 4 2011

Michelle Robles

Name (Please Print) Signature Regulatory Assistant 7/14/2011

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		
	DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e gged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047510140000		
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
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TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start.	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
8/2/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
42 DECERTIFIED DOCUMENT OF CO.			<u></u>
	MPLETED OPERATIONS. Clearly show all pertings occurred since spud on 7/13/		olumes, etc.
		1	Accepted by the
		ί	Utah Division of
			l, Gas and Mining
		FOF	R RECORD ONLY
			THE COMP ONE
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE		DATE 8/2/2011	
N/A		8/2/2011	

# WELL CHRONOLOGY REPORT

Report Generated On: 08-02-2011

Well Name	CWU 1498-25D	Well Type	DEVG	Division	DENVER			
Field	CHAPITA DEEP	API#	43-047-51014	Well Class	DRIL			
County, State	UINTAH, UT	Spud Date		Class Date				
Tax Credit	N	TVD / MD	9,265/ 9,321	Property #	065607			
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0			
KB / GL Elev	5,054/ 5,035							
Location	Section 25, T9S, R22E, NENV	Section 25, T9S, R22E, NENW, 607 FNL & 1990 FWL						

DRILL & COMPLETE

Operator	EOG	RESOURC	ES, INC	WI %	100	0.0		NRI %		82.139316	
AFE No		310136		AFE Total		1,553,300		DHC/	CWC	769,600/7	83,700
Rig Contr	TRUE		Rig Name	e TRUE	<del>‡</del> 34	Start Date	03-	-30-2011	Release	Date	
03-30-2010	Rep	orted By	SI	HARON CAUDI	LL						
DailyCosts: D	rilling	\$0		Com	pletion	\$0		Dai	ly Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>epth:</b> 0.0	

Activity at Report Time: LOCATION DATA

1.0

**Event No** 

Start	End	Hrs	From To	<b>Activity Description</b>
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 607' FNL & 1990' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

Description

LAT 40.012600, LONG 109.390650 (NAD 83) LAT 40.012633, LONG 109.389969 (NAD 27)

PROPOSED BHL: 1040' FNL & 2373' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9321' MD / 9265' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-0285A

ELEVATION: 5035.9' NAT GL, 5035.2' PREP GL (DUE TO ROUNDING PREP GL IS 5035) 5054' KB (19')

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

MULTI PAD WELL: CWU 1498–25D, CWU 1499–25D D, CWU 1500–25D, CWU 1501–25D, CWU 1502–25D

EOG WI	100%,	NRI	82.1	139316%
--------	-------	-----	------	---------

		EOG WI 100%, NI	02.1373						
07-11-2011	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>ng</b> \$0	Com	pletion	\$0		Daily T	otal	\$0	
Cum Costs: Drill	ing \$0	Com	pletion	\$0		Well To	otal	\$0	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PE	BTD: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Repor	t Time: LOCATION	BUILD							
Start End	Hrs From To	Activity Descrip	tion						
06:00 06:00	24.0 0	0 BEGAN CONSTR	UCTION	OF LOCATIO	N 7/11/11.				
07-12-2011	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>ng</b> \$0	Com	pletion	\$0		Daily T	otal	\$0	
Cum Costs: Drilli	ing \$0	Com	pletion	\$0		Well To	otal	\$0	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PE	BTD: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Repor	t Time: LOCATION	BUILD							
Start End	Hrs From To	Activity Descrip	tion						
06:00 06:00	24.0 0	0 LOCATION COM	PLETE. S	TARTING CLO	OSED LOOF	2.			
07-13-2011	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>ng</b> \$0	Com	pletion	\$0		Daily T	otal	\$0	
Cum Costs: Drilli	ing \$0	Com	pletion	\$0		Well To	otal	\$0	
<b>MD</b> 60	TVD	60 <b>Progress</b>	0	Days	0	MW	0.0	Visc	0.0
Formation :	PF	BTD: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Repor	t Time: LOCATION	BUILD							
Start End	Hrs From To	Activity Descrip	tion						
		, incoming a count							
06:00 06:00	24.0 0	0 CLOSED LOOP 1	0% COMP	PLETE.					
	24.0 0  Reported By	-		PLETE.					
07-14-2011	Reported By	0 CLOSED LOOP 10 GERALD ASHCR		PLETE. \$0		Daily T	Cotal	\$0	
07–14–2011 DailyCosts: Drilli	Reported By	0 CLOSED LOOP 10 GERALD ASHCR Com	AFT			Daily T		\$0 \$0	
07–14–2011 DailyCosts: Drilli Cum Costs: Drilli	Reported By ng \$0 ng \$0	0 CLOSED LOOP 10 GERALD ASHCR Com	AFT pletion	\$0	0	•		\$0	0.0
07–14–2011 DailyCosts: Drilli Cum Costs: Drilli MD 60	Reported By ng \$0 ing \$0 TVD	0 CLOSED LOOP 10 GERALD ASHCR Com	AFT apletion apletion	\$0 \$0	0	Well To	otal	\$0 <b>Visc</b>	0.0
07–14–2011  DailyCosts: Drilli  Cum Costs: Drilli  MD 60  Formation:	Reported By  ng \$0  ing \$0  TVD	0 CLOSED LOOP 10 GERALD ASHCR Com Com 60 Progress	AFT apletion apletion	\$0 \$0 <b>Days</b>	0	Well To	<b>otal</b> 0.0	\$0 <b>Visc</b>	0.0
07–14–2011  DailyCosts: Drilli  Cum Costs: Drilli  MD 60  Formation:  Activity at Repor	Reported By  ng \$0  ing \$0  TVD	0 CLOSED LOOP 10 GERALD ASHCR Com Com 60 Progress BTD: 0.0	AFT apletion apletion 0	\$0 \$0 <b>Days</b>	0	Well To	<b>otal</b> 0.0	\$0 <b>Visc</b>	0.0
07–14–2011  DailyCosts: Drilli  Cum Costs: Drilli  MD 60  Formation:  Activity at Repor	Reported By  ng \$0  ng \$0  TVD  PE  t Time: SPUD	0 CLOSED LOOP 10 GERALD ASHCR Com Com 60 Progress BTD: 0.0	AFT  apletion  0  otion  T RIG SP	\$0 \$0 <b>Days</b> <b>Perf :</b> UD A 20" HOI	LE ON 7/13/	Well To	0.0 PKR De	\$0 Visc pth: 0.0	
07–14–2011  DailyCosts: Drilli Cum Costs: Drilli MD 60  Formation: Activity at Repor	Reported By ng \$0 ing \$0  TVD  PE t Time: SPUD  Hrs From To	0 CLOSED LOOP 10 GERALD ASHCR Com Com 60 Progress BTD: 0.0 Activity Descrip 0 CRAIG'S BUCKE	AFT  apletion  0  otion  T RIG SPI	\$0 \$0 <b>Days</b> <b>Perf:</b> UD A 20" HOI TH READY M	.E ON 7/13/ IIX.	Well To MW 11 @ 08:00 AM	0.0  PKR Dep	\$0 Visc pth: 0.0	
07–14–2011  DailyCosts: Drilli Cum Costs: Drilli MD 60  Formation: Activity at Repor	Reported By ng \$0 ing \$0  TVD  PE t Time: SPUD  Hrs From To	0 CLOSED LOOP 10 GERALD ASHCR Com 60 Progress BTD: 0.0  Activity Descrip 0 CRAIG'S BUCKE CEMENT TO SUF	AFT  apletion  0  otion  T RIG SPI  RFACE WI	\$0 \$0  Days  Perf:  UD A 20" HOI  TH READY M	.E ON 7/13/ IIX.	Well To MW 11 @ 08:00 AM	0.0  PKR Dep	\$0 Visc pth: 0.0	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

DailyCosts: Drilling \$0 Complet	<b>ion</b> \$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Complet			Well Total	\$0	
MD 60 TVD 60 Progress	0 Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION BUILD					
Start End Hrs From To Activity Description	ı				
06:00 06:00 24.0 0 0 CLOSED LOOP 50% 0	COMPLETE.				
07–18–2011 Reported By TERRY CSERE					
DailyCosts: Drilling \$0 Complet	<b>ion</b> \$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Complete	<b>ion</b> \$0		Well Total	\$0	
MD 60 TVD 60 Progress	0 Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION BUILD					
Start End Hrs From To Activity Description	ı				
06:00 06:00 24.0 0 0 CLOSED LOOP 60% 0	COMPLETE.				
07–19–2011 Reported By TERRY CSERE					
DailyCosts: Drilling \$0 Complete	<b>ion</b> \$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Complet	<b>ion</b> \$0		Well Total	\$0	
MD 60 TVD 60 Progress	0 Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: BUILD LOCATION					
Start End Hrs From To Activity Description	ı				
06:00 06:00 24.0 0 0 CLOSED 65% COMPL	LETE.				
07–20–2011 Reported By TERRY CSERE					
DailyCosts: Drilling \$0 Complet	<b>ion</b> \$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Complet	<b>ion</b> \$0		Well Total	\$0	
MD 60 TVD 60 Progress	0 Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION BUILD					
Start End Hrs From To Activity Description	1				
06:00 06:00 24.0 0 0 CLOSED LOOP 70% C	COMPLETE.				
07–21–2011 Reported By TERRY CSERE					
DailyCosts: Drilling \$0 Complete	<b>ion</b> \$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Complet	<b>ion</b> \$0		Well Total	\$0	
MD 60 TVD 60 Progress	0 Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION BUILD					
Start End Hrs From To Activity Description	l				
06.00 06.00 24.0 0 0 GLOGED LOOD 750/ 6	OLIDI EEE				
06:00 06:00 24.0 0 0 CLOSED LOOP 75% C	COMPLETE.				

Well Name: CWU 1498-25D Field: CHAPITA DEEP Property: 065607

\$7,190 \$7,190 DailyCosts: Drilling Completion \$0 **Daily Total** \$7,190 **Cum Costs: Drilling** \$7,190 Completion \$0 **Well Total** 0.0 0.0 MD 60 TVD 60 0 0 MWVisc **Progress** Days Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION

**Activity Description** Start End Hrs From To

0 LOCATION COMPLETE. 06:00 06:00 24.0 0

				FORM 0
	STATE OF UTAH			FORM 9
	DIVISION OF OIL, GAS, AND M		ì	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	RY NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeponged wells, or to drill horizontal laterals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDIC.	ATE NA	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	☐ ACIDIZE	□ A	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	□ c	CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS		OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	□ ₽	RACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	_	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
Date of Spud.	TUBING REPAIR  TUBING		ENT OR FLARE	WATER DISPOSAL
		_	I TA STATUS EXTENSION	
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF			APD EXTENSION
	☐ WILDCAT WELL DETERMINATION		OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	pertinent	t details including dates, depths, v	volumes, etc.
			Δ	Accepted by the
				Jtah Division of
				I, Gas and Mining
				RECORD ONLY
			1 01	THE CORP ONE
NAME (PLEASE PRINT) Michelle Robles	<b>PHONE NUMBE</b> 307 276-4842	R	TITLE Regulatory Assistant	
SIGNATURE			DATE	
N/A			9/1/2011	

# WELL CHRONOLOGY REPORT

Report Generated On: 09-01-2011

Well Name	CWU 1498-25D	Well Type	DEVG	Division	DENVER			
Field	CHAPITA DEEP	API#	43-047-51014	Well Class	DRIL			
County, State	UINTAH, UT	Spud Date		Class Date				
Tax Credit	N	TVD / MD	9,265/9,321	Property #	065607			
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0			
KB / GL Elev	5,054/ 5,035							
Location	Section 25, T9S, R22E, NENV	Section 25, T9S, R22E, NENW, 607 FNL & 1990 FWL						

<b>Event No</b>	1.0		Description	<b>Description</b> DRILL & COMPLETE				
Operator	EOG RESOUI	RCES, INC	WI %	100.0	NRI %	82	2.139316	
AFE No	310136		AFE Total	1,553,300	DHC / CW	/C	769,600/ 783,7	700
Rig Contr	TRUE	Rig Nan	ne TRUE #34	Start Date	03-30-2011	Release D	ate	
03-30-2010	Reported B	sy s	SHARON CAUDILL					
DailyCosts: D	rilling \$0	)	Comple	etion \$0	Daily T	Total	\$0	
Cum Costs: D	rilling \$0	)	Comple	etion \$0	Well To	otal	\$0	
MD	0 <b>TVD</b>	0	Progress	0 Days	0 <b>MW</b>	0.0	Visc	0.0
Formation:		PBTD:	0.0	Perf:		PKR Dep	<b>th:</b> 0.0	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	From To	<b>Activity Description</b>
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 607' FNL & 1990' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

LAT 40.012600, LONG 109.390650 (NAD 83) LAT 40.012633, LONG 109.389969 (NAD 27)

PROPOSED BHL: 1040' FNL & 2373' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9321' MD / 9265' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-0285A

ELEVATION: 5035.9' NAT GL, 5035.2' PREP GL (DUE TO ROUNDING PREP GL IS 5035) 5054' KB (19')

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

MULTI PAD WELL: CWU 1498–25D, CWU 1499–25D D, CWU 1500–25D, CWU 1501–25D, CWU 1502–25D

EOG WI	100%,	NRI	82.1	139316%
--------	-------	-----	------	---------

	EOG WI 100%, NRI 82.13	9316%				
07-11-2011 Reported By	TERRY CSERE					
DailyCosts: Drilling \$0	Completion	\$0		<b>Daily Total</b>	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
<b>MD</b> 0 <b>TVD</b>	0 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: P	<b>BTD</b> : 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION	BUILD					
Start End Hrs From T	o Activity Description					
06:00 06:00 24.0 0	0 BEGAN CONSTRUCTION	N OF LOCATIO	N 7/11/11.			
07-12-2011 Reported By	TERRY CSERE					
DailyCosts: Drilling \$0	Completion	\$0		<b>Daily Total</b>	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
<b>MD</b> 0 <b>TVD</b>	0 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: P	<b>BTD</b> : 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION	BUILD					
Start End Hrs From T	o Activity Description					
06:00 06:00 24.0 0	0 LOCATION COMPLETE.	STARTING CL	OSED LOOP			
07-13-2011 Reported By	TERRY CSERE					
DailyCosts: Drilling \$0	Completion	\$0		<b>Daily Total</b>	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
<b>MD</b> 60 <b>TVD</b>	60 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: P	<b>BTD</b> : 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: LOCATION	BUILD					
Start End Hrs From T	o Activity Description					
06:00 06:00 24.0 0	0 CLOSED LOOP 10% COM	MPLETE.				
07-14-2011 Reported By	GERALD ASHCRAFT					
DailyCosts: Drilling \$0	Completion	\$0		<b>Daily Total</b>	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
<b>MD</b> 60 <b>TVD</b>	60 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: P	<b>BTD</b> : 0.0	Perf:		PKR D	<b>epth:</b> 0.0	
Activity at Report Time: SPUD						
Start End Hrs From T	o Activity Description					
06:00 06:00 24.0 0	0 CRAIG'S BUCKET RIG S CEMENT TO SURFACE V			11 @ 08:00 AM, SET 6	0' OF 14" CONE	OUCTOR.
	BLM WAS NOTIFIED BY	EMAIL OF SP	UD ON 7/11/	11 @ 15:34 PM.		
06:00 0	BLM WAS NOTIFIED BY 0 CLOSED LOOP 20% CO		UD ON 7/11/	11 @ 15:34 PM.		

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR De	<b>pth:</b> 0.0	
Activity at Report Time: LOCATION BUILD					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 CLOSED LOOP 50% COM	PLETE.				
07–18–2011 Reported By TERRY CSERE					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR De	<b>pth:</b> 0.0	
Activity at Report Time: LOCATION BUILD					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 CLOSED LOOP 60% COM	PLETE.				
07–19–2011 Reported By TERRY CSERE					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR De	<b>pth:</b> 0.0	
Activity at Report Time: BUILD LOCATION					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 CLOSED 65% COMPLETE					
07–20–2011 Reported By TERRY CSERE					
07–20–2011Reported ByTERRY CSEREDailyCosts: Drilling\$0Completion	\$0		Daily Total	\$0	
	\$0 \$0		Daily Total Well Total	\$0 \$0	
DailyCosts: Drilling \$0 Completion		0	-		0.0
DailyCosts: Drilling       \$0       Completion         Cum Costs: Drilling       \$0       Progress       Completion         MD       60       Progress       0         Formation:       PBTD: 0.0	\$0	0	Well Total MW 0.0	\$0	0.0
DailyCosts: Drilling\$0CompletionCum Costs: Drilling\$0CompletionMD60TVD60Progress0	\$0 Days	0	Well Total MW 0.0	\$0 Visc	0.0
Daily Costs: Drilling     \$0     Completion       Cum Costs: Drilling     \$0     T ∨ D     60 Progress     0       Formation:     PBTD: 0.0       Activity at Report Time: LOCATION BULL       Start     End     Hrs     From     To     Activity Description	\$0 Days	0	Well Total MW 0.0	\$0 Visc	0.0
Daily Costs: Drilling       \$0       Completion         Cum Costs: Drilling       \$0       Pompletion         MD       60       Progress       0         Formation:       PBTD: 0.0         Activity at Report Time: LOCATION BUILD	\$0  Days  Perf:	0	Well Total MW 0.0	\$0 Visc	0.0
Daily Costs: Drilling       \$0       Completion         Cum Costs: Drilling       \$0       Progress       0         MD       60       TVD       60       Progress       0         Formation:       PBTD: 0.0         Activity at Report Time:       LOCATION BULL         Start       End       Hrs       From To Activity Description	\$0  Days  Perf:	0	Well Total MW 0.0	\$0 Visc	0.0
DailyCosts: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Completion           MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time: LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMI	\$0  Days  Perf:	0	Well Total MW 0.0	\$0 Visc	0.0
Daily Costs: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Completion           MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time: LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMB           07-21-2011         Reported By         TERRY CSERE	\$0  Days  Perf:	0	Well Total  MW 0.0  PKR De	\$0 Visc pth: 0.0	0.0
DailyCosts: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Completion           MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time: LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMB           07-21-2011         Reported By         TERRY CSERE           DailyCosts: Drilling         \$0         Completion	\$0  Days  Perf:	0	Well Total  MW 0.0  PKR De	\$0 Visc pth: 0.0	0.0
DailyCosts: Drilling       \$0       Completion         Cum Costs: Drilling       \$0       Progress       0         MD       60       TVD       60       Progress       0         Formation:       PBTD: 0.0         Activity at Report Time: LOCATION BUILD         Start       End       Hrs       From       To       Activity Description         06:00       06:00       24.0       0       0       CLOSED LOOP 70% COMID         07-21-2011       Reported By       TERRY CSERE         DailyCosts: Drilling       \$0       Completion         Completion	\$0  Days Perf:  PLETE.  \$0  \$0		Well Total  MW 0.0  PKR De	\$0 Visc pth: 0.0	
Daily Costs: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Completion           MD         60         TVD         60         Progress         0           Formation: PBTD: 0.0           Activity at Report Time: LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0 CLOSED LOOP 70% COMB           07-21-2011         Reported By         TERRY CSERE           Daily Costs: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Progress         0	\$0  Days  Perf:  PLETE.  \$0  \$0  Days		Well Total  MW 0.0  PKR De  Daily Total  Well Total  MW 0.0	\$0 Visc pth: 0.0	
DailyCosts: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Progress         0           MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time: LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0 CLOSED LOOP 70% COMB           07-21-2011         Reported By         TERRY CSERE           DailyCosts: Drilling         \$0         Completion           Cum Costs: Drilling         \$0         Progress         0           MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0         0         0	\$0  Days  Perf:  PLETE.  \$0  \$0  Days		Well Total  MW 0.0  PKR De  Daily Total  Well Total  MW 0.0	\$0 Visc pth: 0.0	
DailyCosts: Drilling       \$0       Completion         Cum Costs: Drilling       \$0       Progress       0         MD       60       TVD       60       Progress       0         Formation:       PBTD: 0.0         Activity at Report Time: LOCATION BUILD         Start       End       Hrs       From       To       Activity Description         06:00       06:00       24.0       0       0       CLOSED LOOP 70% COMB         07-21-2011       Reported By       TERRY CSERE         DailyCosts: Drilling       \$0       Completion         Cum Costs: Drilling       \$0       Progress       0         Formation:       PBTD: 0.0         Activity at Report Time: LOCATION BUILD	\$0  Days Perf:  PLETE.  \$0  \$0  Days Perf:		Well Total  MW 0.0  PKR De  Daily Total  Well Total  MW 0.0	\$0 Visc pth: 0.0  \$0 Visc Visc	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

\$36,833 \$36,833 DailyCosts: Drilling Completion \$0 **Daily Total** \$36,833 **Cum Costs: Drilling** \$36,833 Completion \$0 **Well Total** 0.0 0.0 MD 60 TVD 60 0 0 MWVisc **Progress** Days Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION **Activity Description** Start End Hrs From To

0 LOCATION COMPLETE.

06:00

06:00

24.0

0

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exisugged wells, or to drill horizontal laterals. Use it.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NUMBER: Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION  DMPLETED OPERATIONS. Clearly show all pertine has occurred since spud on 7/13	3/11 to 9/1/11. # U Oil	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: FOlumes, etc.  ACCEPTED by the Utah Division of I, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Michelle Robles  SIGNATURE	307 276-4842	Regulatory Assistant  DATE	
N/A		9/1/2011	

# DIVISION OF OIL, GAS AND MINING

# **SPUDDING INFORMATION**

Name of Company:	EOG RESOU	IRCES, INC	<u>-</u>		
Well Name:	CWU 1498-2	.5D			
Api No: 43-047-	<b>51014</b> I	Lease Type_	F	EDERAL	
Section 25 Townsh	ip <u><b>09S</b> </u>	ge 22E	County	UINTAH	
Drilling Contractor	CRAIG'S ROUS	STABOUT	SERV_I	RIG#	
SPUDDED:					
Date	09/06/2011				
Time	6:00 PM				
How	ROTARY	7			
Drilling will Comm	ence:	<del></del>			
Reported by	KERRY	Y SALES			
Telephone #	(801) 5	98-5087			
Date 09/07/201	.1Signed	CHD			

Print Form

# **BLM - Vernal Field Office - Notification Form**

Opei	rator <u>EOG RESOURCES</u>		JE 34
Subr	nitted By PAT CLARK	Phone Number 877	-352-0710
	Name/Number <u>CWU 1498-</u>		
	Qtr <u>NE/NW</u> Section 25		Range <u>22E</u>
	e Serial Number UTU-0285A		
API	Number <u>43-047-51014</u>		
	d Notice – Spud is the initial pelow a casing string.	spudding of the we	ell, not drilling
	Date/Time	AM [	РМ
Casin time	ng – Please report time casi s. Surface Casing Intermediate Casing Production Casing Liner Other	ing run starts, not c	ementing
	Date/Time	AM [	PM
BOP	E Initial BOPE test at surface BOPE test at intermediate 30 day BOPE test Other	• .	RECEIVED  OCT 0 4 2011  DIV. OF OIL, GAS & MINING
	Date/Time <u>10/04/2011</u>	22:00 AM	PM 🗸
Rem	arks <u>SENT 10/1/11 @ 10:30</u>	HRS	

**Print Form** 

# **BLM - Vernal Field Office - Notification Form**

Oper	rator EOG RESOURCES	Rig Name/# TRU	JE 34
	nitted By PAT CLARK		
Well	Name/Number <u>CWU 1498-2</u>	25D	
Qtr/0	Qtr <u>NE/NW</u> Section <u>25</u>	Township 98 F	Range <u>22E</u>
	e Serial Number <u>UTU-0285A</u>		
API I	Number <u>43-047-51014</u>		
	d Notice – Spud is the initial pelow a casing string.	spudding of the we	ell, not drilling
	Date/Time	AM [	PM 🗌
<u>Casiı</u> time	<u>ng</u> – Please report time casi s.	ng run starts, not c	ementing
	Surface Casing	Ri	ECEIVED
	Intermediate Casing	n	CT 1 2 2011
	Production Casing		
	Liner Other	DIV. OF	OIL, GAS & MINING
	Date/Time <u>10/14/2011</u>	15:00 AM AM	PM 🗸
BOP	E Initial BOPE test at surface BOPE test at intermediate 30 day BOPE test Other	• .	
	Date/Time	AM [	РМ
Rem	arks <u>SENT 10/11/11 @ 18:30</u>	) HRS	

			FORM 9
	STATE OF UTAH		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	UBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT			
Report Date: 10/18/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Please see the attach	ed well chronology report for tall activity up to 10/18/20	the referenced well showing 11.	•
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 10/18/2011	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

06:00	06:00	24.0	0 0	0	CLOSED LOOP 7	5% COMI	PLETE.					
07-22-2	2011	Repor	rted By		TERRY CSERE							
DailyCo	osts: Drilli	ng	\$52,33	31	Con	pletion	\$0		Dail	y Total	\$52,331	
Cum Co	osts: Drilli	ing	\$52,33	31	Con	pletion	\$0		Well	Total	\$52,331	
MD	60	T	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD			Perf :			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	BUILD L	OCATIO	N							
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	06:00	24.0	0 0	0	LOCATION COM							
09-04-2	2011	Repor	rted By		KERRY SALES							
DailvCo	osts: Drilli	_	\$18,41	.4	Con	pletion	\$0		Dail	y Total	\$18,414	
	osts: Drill		\$70,74			pletion	\$0		•	Total	\$70,745	
MD	583	_	VD	581		283	Davs	0	MW	0.0	Visc	0.0
Formati		-		PBTD	11081000		Perf:		1,1,1	PKR De		
	at Repor	t Time:								,		
Start	End	Hrs	From		Activity Descrip	otion						
09:30	19:00	9.5			MIRU. RIG ON D		X AT 19:00 H	IOURS ON 9	/3/2011.			
					ALL WELLS WE	RE PREDI	RILLED 12 1	/4" TO 300'.	CHECKED	SURFACE D	IRECTION WI	TH 2
					DIFFERENT GPS	'S.						
19:00	23:00	4.0	0 0	0	PICK UP BHA AN MWD 63', SURV				.16, BEND	1.75*, BIT TC	) BEND 7.07',	BITTO
23:00	00:00	1.0	0 0	0	FILL THE HOLE,				MPS.			
00:00	06:00	6.0	300	583	ROTATE AND SL	IDE DRIL	L FROM 30	0' TO 583'. 2	83'. ROP 47,	WOB 8/12, R	OTARY 40, ST	ROKES
					134, PSI 600, SLII	DE 49% A	ND ROT 51,	1.7' LEFT A	ND 1.6 BELO	OW.		
					FULL CREWS.							
					NO ACCIDENTS	OR INCE	NDENTS RE	EPORTED.				
					SAFETY MEETIN							
					FUEL USED 590							
09-05-2	2011	Repoi	rted By		KERRY SALES							
DailyCo	osts: Drilli	ing	\$23,14	17	Con	pletion	\$0		Dail	y Total	\$23,147	
Cum Co	osts: Drilli	ing	\$93,89	02	Con	pletion	\$0		Well	Total	\$93,892	
MD	1,54	3 <b>T</b>	VD	1,52	7 Progress	960	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	Ü		Perf :			PKR De		
		t Time:			JLING WATER.					•	_	
Start	End	Hrs	From		Activity Descrip	otion						
06:00	18:00	12.0			ROTATE AND SL 134, PSI 1200, GF	IDE DRIL						
18:00	00:30	6.5	5 1160	1543	LINE.  ROTATE AND SL 80 STROKES 132 2.25 ABOVE THE	, PUMP P						
00:30	06:00	5.5	5 0	0	CALL FOR WATE		ILL MUD PI	TS AND STO	ORAGE TAN	KS.		

Field: CHAPITA DEEP Well Name: CWU 1498-25D Property: 065607

FULL CREWS.

NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: HIGH PSI LINES AND UNLOADING CASING.

					FUEL USED 476	GALLON	S.					
09-06-2	2011	Repor	ted By		KERRY SALES							
DailyCo	sts: Drilli	ing	\$35,21	17	Con	pletion	\$0		Dail	y Total	\$35,217	
Cum Co	osts: Drill	ing	\$129,1	109	Con	pletion	\$0		Well	Total	\$129,109	
MD	2,25	54 TV	V <b>D</b>	2,220	Progress	692	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	TOH. PR	EP TO R	UN SURFACE CA	SING						
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	07:30	1.5	5 0	0	LOST CIRCULAT	TON. FIL	LING STORA	AGE TANKS	AND MUD	PITS.		
07:30	18:00	10.5	5 1543	1930	ROTATE AND SL 80, PUMP PSI 115							
					REGAINED 80%	+– CIRCU	LATION. LO	OST APPROX	XIMATELY 2	2000 BARREL	S.	
18:00	04:00	10.0	1930	2235	ROTATE AND SL 80, STROKES 132 ABOVE THE LIN	2, PSI 1100						
					WELL TD ON 9/6	5/2011 AT	04:00 AM. G	L 2235', RKI	3 19' FOR TI	RUE 34, 2254'		
04:00	05:30	1.5	5 0	0	CIRCULATE BOT	TOMS U	2.					
05:30	06:00	0.5	5 0	0	TRIP OUT OF HO	DLE.						
					FULL CREWS.							
					NO ACCIDENTS	OR INCE	NDENTS RE	PORTED.				
					SAFETY MEETIN	NGS: WOF	RKING IN TH	HE RAIN AN	D DRILLING	G PROCEDUF	RES.	
					FUEL USED 833	GALLON	S.					
					ALL DEPTHS AR			GL 2235', R	KB 2254'			
					TVD FOR THIS V	VELL –34	<u>'.</u>					
09-07-2	2011	Repor	ted By		KERRY SALES							
DailyCo	sts: Drilli	ing	\$108,4	106	Con	pletion	\$0		Dail	y Total	\$108,406	
Cum Co	osts: Drill	ing	\$237,5	515	Con	pletion	\$0		Well	Total	\$237,515	
MD	2,25	54 TV	V <b>D</b>	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	<b>oth:</b> 0.0	
Activity	at Repor	t Time:	WORT									
Start	End	Hrs	From	То	<b>Activity Descrip</b>	otion						
06:00	10:00	4.0	0	0	TOH AND LAY D	OWN DIF	RECTIONAL	TOOLS.				
10:00	10:30	0.5	5 0	0	SET UP BHA WII	PER TRIP.						
10:30	15:30	5.0	0	0	TIH AND WASH	THE LAS	Γ 5 JOINTS T	го воттом				
15:30	17:30	2.0	0	0	CIRCULATE HO	LE CLEAN	١.					

 $0\,$  TOH WITH WIPER RUN.

17:30

20:30

3.0

0

Well Name: CWU 1498-25D Field: CHAPITA DEEP Property: 065607

10-04-201	11	Reported B	Ву	PAT CLARK
				TRANSFERRED: 6 JOINTS OF 9 5/8, K–55, 36#, STC TO WHITE RIVER PIPE YARD. 36.85', 37.22', 35.81', 34.94', 34.62', 41.92'. TOTAL PIPE 221.36'.
				SAFETY MEETING: RUN CASING, CEMENTING.
				NO ACCIDENTS OR INCENDENTS REPORTED.
				FULL CREWS.
				KERRY SALES NOTIFIED THE BLM VIA E–MAIL OF THE SURFACE CASING & CEMENT JOB ON 09/6/2011@ 06:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 09/6/2011 AT 06:00 PM. STATE AND BLM NOTIFIED ON 09/05/2011 @ 07:50 AM.
				PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.
				TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. GOOD RETURNS 5 BBL'S OF TOP OUT BACK. WAIT ON CEMENT 2 HOURS WHILE RIGGING DOWN. WELL STATIC.
05:00	06:00	1.0	0	0 MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3450 PSI.PUMPED 180 BBLS, CASING CAPISITY WITH THE RIG. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 168 BBLS FRESH WATER. FCP 650 PSI, BUMPED PLUG W/1400 PSI @ 06:49 AM ON 09/7/2011 FLOATS HELD 1 BBL BACK. RETURNS THROUGH OUT SLURRY, 78 BARRELS LEAD TO SURFACE.
				RIG RELEASED AT 05:00 AM ON 9/7/2011.
03:00	05:00	2.0	0	0 RDMO. SET UP TO CEMENT WITH HALLIBURTON.
02:30	03:00	0.5	0	0 RUN 200' OF 1" PIPE FOR TOP OUT JOB.
01:30	02:30	1.0	0	0 CIRCULATE CAPISITY OF CASING, LAY DOWN CIRCULATING SWEDGE.
22:00	01:30	3.5	0	0 RUN 54 JTS OF 9/5/8", K–55, 36#, STC SURFACE PIPE. RUN 2224.26' MD GL, TVD GL 2190'. RAN 10 CENTRALIZERS FROM GL 2203' TO 1938' AND TWO FROM 338' TO 295'. NO PROBLEMS RUNNING CASING. 19' RKB FOR TRUE 34 SHOE 2243.26' MD AND 2209' TVD. TD 2235' GL AND 2254' RKB. (TVD $-34$ ' FOR THIS WELL).
20:30	22:00	1.5	0	0 RIG UP TO RUN CASING.

10-04-2011	Re	ported By	y F	PAT CLARK							
DailyCosts:	Drilling	\$24	1,622	Com	pletion	\$0		Daily	Total	\$24,622	
<b>Cum Costs:</b>	Drilling	\$26	52,137	Com	pletion	\$0		Well 7	Total	\$262,137	
MD	2,254	TVD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at R	Report Ti	me: RDMC	ORT								

Start End Hrs From To **Activity Description** 14:00 06:00 16.0 0 0 RDMORT. PREPARE TO MOVE RIG @ 07:00 ON 10-04-11.

TRANSFER 5 JTS 4 1/2" N–80 11.6# LTC CSG (205.86' TOL) F/ NCW 304–28.

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

TRANSFER~3~JTS~4~1/2"~HCP-110~11.6#~LTC~CSG~(136.03"~TOL)~F/~NCW~304-28. TRANSFER~(2)~4~1/2"~HCP-110~11.6#~LTC~MJ~(39.65"~TOL)~F/~NCW~304-28.

				TRA	NSFER 2500 (	GALS FU	EL @ \$3.93/0	GAL F/ NCV	V 304–28.			
10-05-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ng	\$90,912		Com	pletion	\$0		Daily	Total	\$90,912	
Cum C	osts: Drill	ing	\$353,049	)	Com	pletion	\$0		Well '	<b>Total</b>	\$353,049	
MD	2,25	54 T	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion:		P	<b>BTD</b> : 0.0			Perf:			PKR De	<b>pth</b> : 0.0	
Activity	y at Repor	t Time:	RURT									
Start	End	Hrs	From To	o Acti	ivity Descrip	tion						
06:00	07:00	1.0	0 0	0 RDR	RT.							
07:00	19:00	12.0	0 0	CUT		I). 75% RI	G ON LOC,	40% RIGGE	D UP. SUB SI		DIRT WORK ( K ON FLOOR.	
19:00	06:00	11.0	0 0	0 WAI	T ON DAYLIC	ЭНТ.						
				SAF	L CREWS, NO ETY MEETIN L – 2500, USE	GS – RIG		W JONES, F	RIG CREW, M	T WEST, CO	G ELECTRIC.	
10-06-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ing	\$67,506		Com	pletion	\$0		Daily	Total	\$67,506	
Cum C	osts: Drill	ing	\$420,555	5	Com	pletion	\$0		Well '	<b>Total</b>	\$420,555	
MD	2,25	54 T	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion :		P	<b>BTD</b> : 0.0	J		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	PU DP							•		
Start	End	Hrs	From To	o Acti	ivity Descrip	tion						
06:00	22:00	16.0	0 0		1. RURT. CRAI U 1498–25D, F			ASED @ 09:	00, DERRICK	K RAISED @	10:00. WALK	RIG TO
22:00	23:00	1.0	0 0	0 N/U	BOP. RIG ACC	CEPTED (	@ 22:00.					
23:00	02:00	3.0	0 0	TES	T PIPE RAMS OWER KELLY NULAR PREVI	, BLIND I & INSII	RAMS, HCR. DE BOP 500	CHOKE LI ) PSI HIGH	NES, MANIF – 10 MINUTI	OLD, KILL ES / 250 PSI	&C QUICK TE LINE VALVES LOW – 5 MIN. IMULATOR FU	S, UPPER TEST
				TES	T CASING TO	1500 PSI	/ 30 MIN. O	K.				
				BLM	1 & STATE NO	TIFIED 1	0-1-11 @ 10	0:30.				
02:00	02:30	0	5 0	0 INST	TALL WEAR F	BUSHING	ł.					
02:30	06:00	3.5	5 0	0 P/U	DIRECTIONA	L BHA A	ND SCRIBE	MM. P/U D	Р.			
				FUL	L CREWS, NO	) ACCIDE	ENTS.					
				SAF	ETY MEETIN	GS, RUR	Γ, TESTING	BOP, R/U Al	ND P/U BHA.			
				FUE	L – 10260, DE	L 7201, U	JSED – 456.					
10-07-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ng	\$53,310		Com	pletion	\$0		Daily	Total	\$53,310	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

**MD** 3,400 **TVD** 3,352 **Progress** 1,146 **Days** 1 **MW** 9.3 **Visc** 30.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING @ 3400'

Start	End	Hrs	From To	Activity Description
06:00	07:00	1.0	0	0 P/U DP. TAG CEMENT @ 2180'. R/D TRS.
07:00	08:00	1.0	0	0 TORQUE KELLY, INSTALL ROT RUBBER, CHECK F/LEAKS.
08:00	10:00	2.0	0	0 DRILL CEMENT & FLOAT EQUIPMENT, 10' NEW HOLE TO 2264'.
10:00	10:30	0.5	0	0 PERFORM FIT TO 141 PSI F/10.5 EMW.
10:30	16:30	6.0	0	$0\ \ \text{ROTATE \& SLIDE 2264'} - 2679'.\ \ \text{WOB 12-17K, RPM 57/68, SPP 1500 PSI, DP 200-300 PSI, ROP 69} \\ \ \ \text{FPH.}$
16:30	17:00	0.5	0	0 RIG SERVICE. CHECK COM.
17:00	06:00	13.0	0	$0\ \ \text{ROTATE \& SLIDE 2679'} - 3400'.\ \ \text{WOB 20K, RPM 59/63, SPP 1500 PSI, DP 100-250 PSI, ROP 55 FPH.}$

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - P/U DP, CONNECTIONS.

CURRENT MW - 9.4 PPG, VIS - 33 SPQ.

FUEL - 8778, USED - 1482.

FORMATION - MAHOGANEY OIL SHALE.

LAST 24 HOURS - ROTATE 93% ( 1088' @ 62 FPH), SLIDE - 7% (58' @ 48 FPH).

06:00 0 SPUD 7 7/8" HOLE @ 10:30 HRS, 10/6/11.

Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
<b>MD</b> 4,8	15	TVD	4,766	Progress	1,415	Days	2	MW	9.7	Visc	33.0
Cum Costs: Dril	ling	\$516	5,468	Cor	npletion	\$0		Well 7	Total	\$516,468	
DailyCosts: Drill	ling	\$42,	602	Cor	npletion	\$0		Daily	Total	\$42,602	
10-08-2011	Rep	orted By	PA	AT CLARK							

Activity at Report Time: DRILLING @ 4815'

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	3400	3961	ROTATE & SLIDE 3400' – 3961'. WOB 21K, RPM 58/68, SPP 1650 PSI, DP 200 PSI, ROP 53 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. CHECK COM.
17:00	06:00	13.0	3961	4815	ROTATE & SLIDE 3961' – 4815'. WOB 21K, RPM 59/68, SPP 1800 PSI, DP 200–300 PSI, ROP 66 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - MUDDY CONDITIONS, HOUSEKEEPING.

CURRENT MW - 9.8 PPG, VIS - 33 SPQ.

FUEL - 7410, USED - 1368.

FORMATION – WASATCH @ 4658'.

LAST 24 HOURS - ROTATE 94% ( 1332' @ 61 FPH), SLIDE - 6% (83' @ 37 FPH).

10-09-2011	Re	eported By	]	PAT CLARK							
DailyCosts:	Drilling	\$38,	678	Cor	npletion	\$0		Dail	y Total	\$38,678	
<b>Cum Costs:</b>	Drilling	\$555	5,147	Cor	npletion	\$0		Well	Total	\$555,147	
MD	6,050	TVD	6,000	Progress	1,235	Days	3	MW	10.0	Visc	36.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 6050'

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06.00	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	15:00	9.0	4815	5275	ROTATE & SLID	E 4815' – 5	275'. WOB 21	K, RPM 59/	63, SPP 200	00, DP 200–30	0 PSI, ROP 51	FPH.
15:00	15:30	0.5	0	0	RIG SERVICE. C	HECK CO	M, FUNCTION	N PIPE RAN	AS.			
15:30	06:00	14.5	5275	6050	ROTATE AND SI	LIDE 5275'	– 6050'. WOE	3 22K, RPM	55/68, SPP	2200 PSI, DP	250 PSI, ROP 5	3 FPH.
					FULL CREWS, N	O ACCIDI	ENTS.					
					SAFETY MEETI	NGS – WI	NTERIZING, E	EMPTYING	CATCH TA	NK.		
					CURRENT MW -	- 10 PPG, V	/IS - 35 SPQ,	NO LOSSE	S.			
					FUEL – 5928, US	ED – 1482						
					FORMATION – I	BUCK CAN	IYON @ 5917	·.				
					LAST 24 HOURS	S – ROTATI	E 97% ( 1201'	@ 53 FPH),	SLIDE – 39	% (34' @ 34 F	PH).	
10-10-2	2011	Report	ted By		PAT CLARK							
DailyCo	osts: Drilli	ing	\$37,18	86	Con	npletion	\$0		Dail	y Total	\$37,186	
Cum Co	osts: Drill	ing	\$592,3	334	Con	npletion	\$0		Well	Total	\$592,334	
MD	7,10	)5 <b>TV</b>	'D	7,055	5 Progress	1,055	Days	4	MW	10.1	Visc	36.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 710	05'							
Start	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	16:30	10.5	6050	6493	ROTATE & SLID	E 6050' – 6	493'. WOB 22	K, RPM 50	68, SPP 220	00 PSI, DP 200	)–300 PSI, ROP	42 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. C	HECK CO	M.					
17:00	06:00	13.0	6493	7105	ROTATE & SLID	E 6493' – 7	105'. SAME F	ARAMETE	RS, ROP 47	FPH.		
					FULL CREWS, N						0.170	
					FULL CREWS, N SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS	NGS – INS - 10.2 PPG ED – 1482. NORTH HC	TALLING CE , VIS – 37 SPC DRN @ 6588',	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @	6925'.		
10-11-2	2011	Report	ted By		SAFETY MEETI CURRENT MW - FUEL – 4446 US: FORMATION – 1	NGS – INS - 10.2 PPG ED – 1482. NORTH HC	TALLING CE , VIS – 37 SPC DRN @ 6588',	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @	6925'.		
10–11–2 DailyCo		Report		45	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK	NGS – INS - 10.2 PPG ED – 1482. NORTH HO S – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016'	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49	6925'. % (39' @ 33 F	PH).	
DailyCo	osts: Drilli	ing	\$44,44		SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016'	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dail</b>	6925'. % (39' @ 33 Fl y <b>Total</b>		
DailyCo	osts: Drilli osts: Drill	ing ing	\$44,44 \$636,7	780	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK Con	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion  npletion	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F. y Total Total	PH). \$44,445 \$636,780	35.0
DailyCo	osts: Drilli osts: Drilli 8,02	ing ing	\$44,44 \$636,7	780 7,97:	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK Con Con	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b>	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dail</b>	6925'. % (39' @ 33 F y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati	osts: Drilli osts: Drilli 8,02	ing ing	\$44,44 \$636,7	7,973 <b>PBTD</b>	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion  npletion	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F. y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati Activity	osts: Drilli osts: Drill 8,02 ion :	ing ing	\$44,44 \$636,7	7,975 <b>PBTD</b> IG @ 802	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI npletion 920	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b>	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati Activity	osts: Drilli osts: Drilli 8,02 ion : v at Repor	ing ing 25 TV t Time:	\$44,44 \$636,7 <b>D</b> DRILLIN <b>From</b>	7,975 <b>PBTD</b> IG @ 802 <b>To</b>	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0 25'	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion 920  ption	TALLING CE, VIS – 37 SPC ORN @ 6588', E 96% ( 1016' \$0 \$0 Days Perf :	O, NO LOSS  KMV PRIC  @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 Daily Well MW	6925'. % (39' @ 33 F y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start	osts: Drilli osts: Drilli 8,02 ion : at Repor End	ing ing 25 TV t Time: Hrs	\$44,44 \$636,7 <b>D</b> DRILLIN  From 7105	7,975 <b>PBTD</b> IG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC S – ROTATI  npletion 920  ption E 7105' – 7	TALLING CE, VIS – 37 SPC ORN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b> <b>Perf</b> :	O, NO LOSS  KMV PRIC  @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 Daily Well MW	6925'. % (39' @ 33 F y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00	osts: Drilli 8,02 ion : v at Repor End 14:30	ing ing  t Time:  Hrs  8.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con 5 Progress : 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 6 – ROTATI  npletion 920  ption E 7105' – 7 HECK CO	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  \$0 <b>Days Perf:</b> 464'. WOB 22  M.	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Dail; Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS  PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri ROTATE & SLID RIG SERVICE. C ROTATE & SLID	NGS – INS – 10.2 PPG ED – 1482. NORTH HC S – ROTATI  npletion  920  ption E 7105' – 7 HECK CO: E 7464' – 8	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  Days  Perf:  464'. WOB 22  M.  1025'. SAME F	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Dail; Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS PAT CLARK  Con S Progress: 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 6 – ROTATI  npletion 920  ption E 7105' – 7 HECK CO E 7464' – 8	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  \$0  Days  Perf:  464'. WOB 22  M.  6025'. SAME F	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Daily Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW- FUEL - 4446 US: FORMATION - N LAST 24 HOURS  PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri ROTATE & SLID RIG SERVICE. C ROTATE & SLID FULL CREWS, N	NGS – INS – 10.2 PPG ED – 1482. NORTH HC G – ROTATI  npletion  920  ption E 7105' – 7 HECK CO E 7464' – 8	TALLING CE, VIS – 37 SPC  ORN @ 6588', E 96% ( 1016'  \$0 \$0  Days Perf:  464'. WOB 22 M.  1025'. SAME F	Q, NO LOSS KMV PRIC @ 45 FPH),  5  CK, RPM 54,  CARAMETE	ERS, DRIVES. E RIVER @ SLIDE – 49  Daily Well  MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

## FORMATION - KMV PRICE RIVER MIDDLE @ 7806'.

LAST 24 HOURS – ROTATE 96% ( 880' @ 39 FPH), SLIDE – 4% (40' @ 15 FPH).

				LAST 24 HOURS	S – ROTATI	E 96% ( 880' @	39 FPH),	SLIDE – 4%	(40' @ 15 FP	H).	
10-12-2011	Repo	rted By		PAT CLARK							
DailyCosts: Dril	lling	\$71,3	32	Cor	npletion	\$6,349		Daily	y Total	\$77,681	
Cum Costs: Dri	lling	\$708,	112	Cor	npletion	\$6,349		Well	Total	\$714,461	
<b>MD</b> 8,9	945 <b>T</b>	VD	8,89	5 Progress	920	Days	6	MW	10.8	Visc	36.0
Formation :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity at Repo	rt Time:	DRILLIN	NG @ 89	45'							
Start End	Hrs	From	To	Activity Descri	ption						
06:00 16:30	10.	5 8025	8459	ROTATE & SLID 41 FPH.	E 8025' – 8	459'. WOB 20	–23K, RPN	1 47-55/66-6	68, SPP 2450 l	PSI, DP 150-30	00 PSI, RC
16:30 17:00	0	5 0	0	RIG SERVICE. C	CHECK CO	M.					
17:00 06:00	13.	0 8459	8945	DRILL ROTATE	8459' – 894	5'. SAME PAF	RAMETER	S, ROP 37 F	PH. #2 PUMP	ON @ 8600'.	
				FULL CREWS, N SAFETY MEETI CURRENT MW FUEL – 9804, DI FORMATION – 1 LAST 24 HOURS	NGS – CHA – 11.1 PPG EL – 8000, I KMV PRIC	ANGING TON , VIS – 38 SPQ USED – 1275. E RIVER LOW	), NO LOSS VER @ 860	SES. 7'.		н).	
10-13-2011	Dono	rted By		PAT CLARK/KE			3) 1111),	SEIDE 270	(13 € 2311		
DailyCosts: Dril	_	\$46,7	54		npletion	\$0		Dails	y Total	\$46,754	
Cum Costs: Dri	Ü	\$754,			npletion	\$6,349			Total	\$761,215	
	_	VD	9,27		376	Days	7	MW	11.4	Visc	39.0
Formation :	•	, 2	PBTD			Perf:		112 11	PKR Dep		
Activity at Repo	rt Time:	WIPER T									
Start End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00 15:30	9.	5 8945	9273	ROTATE DRILL 130 TO 230, ROT		5' TO 9273'. 31	19'. ROP 3	3.58', WOB 2	21, STROKES	119, PSI 2580,	DIFF PSI
15:30 16:00	0.	5 0	0	SERVICE RIG, C	CHECK BO	P, WORK ALL	SAFETY	VALVES.			
16:00 18:00	2.	0 9273	9321	ROTATE DRILL	FROM 927	3' TO 9321'. 48	3'. REACH	IED TD @ 1	800 HOURS,	10/12/2011.	
18:00 22:30	4.:	5 0	0	CIRCULATE AN CHECKED FLOY DRY PIPE SLUG	W, WELL F						
22:30 04:30	6.	0 0	0	TOH. TIGHT HO	LE FROM	4680' TO 4610	, JARED	ONE TIME. I	LAY DOWN I	DIRECTIONAL	TOOLS.
04:30 06:00	1	5 0	0	MAKE UP BIT A	ND TIH.						
				FULL CREWS, N SAFETY MEETI CURRENT MW FUEL – 8550, DI FORMATION – 3	NGS – SER – 11.6 PPG EL – 8000, I	RVICE RIG, L/I , VIS – 40 , LO USED – 1254.	SSES 60 E		9321'.		
				SAFETY MEETI CURRENT MW FUEL – 8550, DI	NGS – SER – 11.6 PPG, EL – 8000, 1 SEGO. TD 1	RVICE RIG, L/I , VIS – 40 , LO USED – 1254. WELL ON 10/1	OSSES 60 E	18:00 HRS.	9321'.		

Page 10

-	osts: Drill	_	\$42,			npletion	\$97,322		•	y Total	\$140,189	
	osts: Drill	Ü		7,734		npletion	\$103,671			Total	\$901,405	
MD	9,32	21 <b>1</b>	'VD	9,2	- 6	0	Days	8	MW	11.6	Visc	40.0
Format		4 Time	. CEMEN	PBTI		INC	Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
-	_				RODUCTION CAS							
Start	End	Hrs	From		Activity Descri	-	oce, en i pipe	ATE 0 400?	AND 57002			
06:00 09:00	09:00 10:00				0 TIH. WIPER TRI 0 PICK UP KELLY					M 20' TO D	OTTOM	
10:00	12:00				O FICK OF KELLT O CIRCULATE OU						OTTOM.	
12:00	13:00				0 PRE JOB SAFET							
13:00	19:00				0 SAFETY MEETI DRILL PIPE.							TANDS OF
19:00	19:30	0	.5 (	0	0 PULL WEAR BU	SHING.						
19:30	20:00	0			0 HOLD SAFETY							
20:00	03:00	7	.0	0	0 SAFETY MEETI WEATHERFORD COLLAR @ 924: TOTAL). TURBU 4315'. P/U JT # 2 HEAD W/69000#	D BLADED 5.31', 56 JT JLIZERS O 19 AND RI	DOWN JET FL S CSG, MJ @ 6 N FIRST 3 JTS, H TO 9305'. L/I	OAT SHO 848.51', 6 BOW SP D JT # 219	DE @ 9290.74 53 JTS CSG, I RING CENT	4', 1 JT CSG, MJ @ 4168.30 RALIZERS C	HALLIBURTO O', 98 JTS CSG ON EVERY 3R	ON FLOAT (218 D JT TO
03:00	04:00	1	.0	0	0 CIRCULATE AN	D CONDIT	TION HOLE. 30	' TO 40' F	LARE FOR 3	35 MINUTES	THEN TAPPE	RED OFF.
04:00	04:30	0	.5 (	0	RIG DOWN WEA						R.	
04:30	06:00	1	.5	0	0 CEMENT PROD	UCTION C	ASING, DETAI	LS ON TO	OMORROWS	REPORT.		
					FULL CREWS, N SAFETY MEETI			RUN CAS	ING			
10-15-	2011	Repo	rted By		KERRY SALES							
-	osts: Drill osts: Drill	_	\$28, \$826	320 5,054		npletion npletion	\$67,094 \$170,765		•	y Total Total	\$95,415 \$996,820	
MD	9,32	21 <b>T</b>	'VD	9,2	71 Progress	0	Days	9	MW	0.0	Visc	0.0
Format	ion :			PBTI	_		Perf :			PKR De	oth: 0.0	
Activity	at Repor	t Time	: WO CO							- ,		
Start	End	Hrs	From		Activity Descri	ntion						
06:00	07:00				0 TEST LINES TO BBLS) HIGHBOD EXTENDACEM WITH 143.3 BBL 2600 PSI. BUMP CEMENT TO SU BACK UP TO 360	5000 PSI. ND LEAD CEMENT S FRESH PLUG W/3	CEMENT @ 12. @ 13.5 PPG. W WATER + .5 GA 6600 PSI. FLOA UMPED PLUG	.5 PPG. T ASH UP A L/1000 G TS HELD @ 06:51 A	AIL IN WITH AND DROP I AL MYACID 2 BBLS BA	H 1355 SX (3 LATCH DOW DE GA25 @ 8 CK. GOOD L	349 BBLS.) 'N PLUG. DIS BPM, MAX P IFT PRESSUR	PLACED RESSURE E. NO
					BLM AND STAT	E NOTIFIE	D ON 10/11/201	11 AT 18:3	30 HOURS F	OR CEMENT	JOB ON 10/1	4/2011.
07:00	08:00	1	.0	0	0 WAIT ON CEME	NT. HOLD	3600 PSI ON C	ASING. 1	1000 PSI OVI	ER FCP.		
08:00	08:30	0	.5	0	0 SET PACK OFF	AND TEST	TEST SEAL TO	5,000 PS	SI.			
08:30	09:00	0	.5	0	0 NIPPLE DOWN	BOP AND	CLEAN MUD T	ANKS S	KID RIG TO	CWU 1499-2	25D.	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

TRANSFER 7 JTS 4 1/2", 11.6#, N–80, LTC CSG (295.85' TOTAL) TO CWU 1499–25D. TRANSFER 2 4 1/2", 11.6#, HC–P110, LTC MJ (40.27' TOTAL) TO CWU 1499–25D. TRANSFER 8037 GALS FUEL @ \$3.79/GAL TO CWU 1499–25D.

 $09:00 \hspace{1.5cm} 0 \hspace{0.5cm} RIG \hspace{0.1cm} RELEASED \hspace{0.1cm} AT \hspace{0.1cm} 09:00 \hspace{0.1cm} HRS, \hspace{0.1cm} 10/14/2011.$ 

CASING POINT COST \$826,055

	CTATE OF LITAL		FORM 9
	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
CHND	NA NOTICES AND DEPORTS	ON WELL C	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	RY NOTICES AND REPORTS (	_	
	sals to drill new wells, significantly deepen e gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047510140000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		E NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION
11/4/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all perti		
No activity has occu	rred since last submission on 1	.0/18/2011 to 11/4/2011.	•
		<b>A</b>	accepted by the
			Jtah División of
		Oil	, Gas and Mining
		FOR	R RECORD ONLY
NAME (PLEASE PRINT) Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	TITLE Operations Clerk	
SIGNATURE N/A		<b>DATE</b> 11/4/2011	

			FORM 9
	STATE OF UTAH		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ıgged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.		<b>9. API NUMBER:</b> 43047510140000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	S	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	UBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT			
Report Date: 10/18/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Please see the attach	ed well chronology report for tall activity up to 10/18/20	the referenced well showing 11.	•
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 10/18/2011	

06:00	06:00	24.0	0 0	0	CLOSED LOOP 7	5% COMI	PLETE.					
07-22-2	2011	Repor	rted By		TERRY CSERE							
DailyCo	osts: Drilli	ng	\$52,33	31	Con	pletion	\$0		Dail	y Total	\$52,331	
Cum Co	osts: Drilli	ing	\$52,33	31	Con	pletion	\$0		Well	Total	\$52,331	
MD	60	T	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD			Perf :			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	BUILD L	OCATIO	N							
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	06:00	24.0	0 0	0	LOCATION COM							
09-04-2	2011	Repor	rted By		KERRY SALES							
DailvCo	osts: Drilli	_	\$18,41	.4	Con	pletion	\$0		Dail	y Total	\$18,414	
	osts: Drill		\$70,74			pletion	\$0		•	Total	\$70,745	
MD	583	_	VD	581		283	Davs	0	MW	0.0	Visc	0.0
Formati		-		PBTD	11081000		Perf:		1,1,1	PKR De		
	at Repor	t Time:								,		
Start	End	Hrs	From		Activity Descrip	otion						
09:30	19:00	9.5			MIRU. RIG ON D		X AT 19:00 H	IOURS ON 9	/3/2011.			
					ALL WELLS WE	RE PREDI	RILLED 12 1	/4" TO 300'.	CHECKED	SURFACE D	IRECTION WI	TH 2
					DIFFERENT GPS	'S.						
19:00	23:00	4.0	0 0	0	PICK UP BHA AN MWD 63', SURV				.16, BEND	1.75*, BIT TC	) BEND 7.07',	BITTO
23:00	00:00	1.0	0 0	0	FILL THE HOLE,				MPS.			
00:00	06:00	6.0	300	583	ROTATE AND SL	IDE DRIL	L FROM 30	0' TO 583'. 2	83'. ROP 47,	WOB 8/12, R	OTARY 40, ST	ROKES
					134, PSI 600, SLII	DE 49% A	ND ROT 51,	1.7' LEFT A	ND 1.6 BELO	OW.		
					FULL CREWS.							
					NO ACCIDENTS	OR INCE	NDENTS RE	EPORTED.				
					SAFETY MEETIN							
					FUEL USED 590							
09-05-2	2011	Repoi	rted By		KERRY SALES							
DailyCo	osts: Drilli	ing	\$23,14	17	Con	pletion	\$0		Dail	y Total	\$23,147	
Cum Co	osts: Drilli	ing	\$93,89	02	Con	pletion	\$0		Well	Total	\$93,892	
MD	1,54	3 <b>T</b>	VD	1,52	7 Progress	960	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	Ü		Perf :			PKR De		
		t Time:			JLING WATER.					•	_	
Start	End	Hrs	From		Activity Descrip	otion						
06:00	18:00	12.0			ROTATE AND SL 134, PSI 1200, GF	IDE DRIL						
18:00	00:30	6.5	5 1160	1543	LINE.  ROTATE AND SL 80 STROKES 132 2.25 ABOVE THE	, PUMP P						
00:30	06:00	5.5	5 0	0	CALL FOR WATE		ILL MUD PI	TS AND STO	ORAGE TAN	KS.		

Field: CHAPITA DEEP Well Name: CWU 1498-25D Property: 065607

FULL CREWS.

NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: HIGH PSI LINES AND UNLOADING CASING.

					FUEL USED 476	GALLON	S.					
09-06-2	2011	Repor	ted By		KERRY SALES							
DailyCo	sts: Drilli	ing	\$35,21	17	Con	pletion	\$0		Dail	y Total	\$35,217	
Cum Co	osts: Drill	ing	\$129,1	109	Con	pletion	\$0		Well	Total	\$129,109	
MD	2,25	54 TV	V <b>D</b>	2,220	Progress	692	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	TOH. PR	EP TO R	UN SURFACE CA	SING						
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	07:30	1.5	5 0	0	LOST CIRCULAT	TON. FIL	LING STORA	AGE TANKS	AND MUD	PITS.		
07:30	18:00	10.5	5 1543	1930	ROTATE AND SL 80, PUMP PSI 115							
					REGAINED 80%	+– CIRCU	LATION. LO	OST APPROX	XIMATELY 2	2000 BARREL	S.	
18:00	04:00	10.0	1930	2235	ROTATE AND SL 80, STROKES 132 ABOVE THE LIN	2, PSI 1100						
					WELL TD ON 9/6	5/2011 AT	04:00 AM. G	L 2235', RKI	3 19' FOR TI	RUE 34, 2254'		
04:00	05:30	1.5	5 0	0	CIRCULATE BOT	TOMS U	2.					
05:30	06:00	0.5	5 0	0	TRIP OUT OF HO	DLE.						
					FULL CREWS.							
					NO ACCIDENTS	OR INCE	NDENTS RE	PORTED.				
					SAFETY MEETIN	NGS: WOF	RKING IN TH	HE RAIN AN	D DRILLING	G PROCEDUF	RES.	
					FUEL USED 833	GALLON	S.					
					ALL DEPTHS AR			GL 2235', R	KB 2254'			
					TVD FOR THIS V	VELL –34	<u>'.</u>					
09-07-2	2011	Repor	ted By		KERRY SALES							
DailyCo	sts: Drilli	ing	\$108,4	106	Con	pletion	\$0		Dail	y Total	\$108,406	
Cum Co	osts: Drill	ing	\$237,5	515	Con	pletion	\$0		Well	Total	\$237,515	
MD	2,25	54 TV	V <b>D</b>	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	<b>oth:</b> 0.0	
Activity	at Repor	t Time:	WORT									
Start	End	Hrs	From	То	<b>Activity Descrip</b>	otion						
06:00	10:00	4.0	0	0	TOH AND LAY D	OWN DIF	RECTIONAL	TOOLS.				
10:00	10:30	0.5	5 0	0	SET UP BHA WII	PER TRIP.						
10:30	15:30	5.0	0	0	TIH AND WASH	THE LAS	Γ 5 JOINTS T	го воттом				
15:30	17:30	2.0	0	0	CIRCULATE HO	LE CLEAN	١.					

 $0\,$  TOH WITH WIPER RUN.

17:30

20:30

3.0

0

Well Name: CWU 1498-25D Field: CHAPITA DEEP Property: 065607

10-04-201	11	Reported B	Ву	PAT CLARK
				TRANSFERRED: 6 JOINTS OF 9 5/8, K–55, 36#, STC TO WHITE RIVER PIPE YARD. 36.85', 37.22', 35.81', 34.94', 34.62', 41.92'. TOTAL PIPE 221.36'.
				SAFETY MEETING: RUN CASING, CEMENTING.
				NO ACCIDENTS OR INCENDENTS REPORTED.
				FULL CREWS.
				KERRY SALES NOTIFIED THE BLM VIA E–MAIL OF THE SURFACE CASING & CEMENT JOB ON 09/6/2011@ 06:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 09/6/2011 AT 06:00 PM. STATE AND BLM NOTIFIED ON 09/05/2011 @ 07:50 AM.
				PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.
				TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. GOOD RETURNS 5 BBL'S OF TOP OUT BACK. WAIT ON CEMENT 2 HOURS WHILE RIGGING DOWN. WELL STATIC.
05:00	06:00	1.0	0	0 MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3450 PSI.PUMPED 180 BBLS, CASING CAPISITY WITH THE RIG. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 168 BBLS FRESH WATER. FCP 650 PSI, BUMPED PLUG W/1400 PSI @ 06:49 AM ON 09/7/2011 FLOATS HELD 1 BBL BACK. RETURNS THROUGH OUT SLURRY, 78 BARRELS LEAD TO SURFACE.
				RIG RELEASED AT 05:00 AM ON 9/7/2011.
03:00	05:00	2.0	0	0 RDMO. SET UP TO CEMENT WITH HALLIBURTON.
02:30	03:00	0.5	0	0 RUN 200' OF 1" PIPE FOR TOP OUT JOB.
01:30	02:30	1.0	0	0 CIRCULATE CAPISITY OF CASING, LAY DOWN CIRCULATING SWEDGE.
22:00	01:30	3.5	0	0 RUN 54 JTS OF 9/5/8", K–55, 36#, STC SURFACE PIPE. RUN 2224.26' MD GL, TVD GL 2190'. RAN 10 CENTRALIZERS FROM GL 2203' TO 1938' AND TWO FROM 338' TO 295'. NO PROBLEMS RUNNING CASING. 19' RKB FOR TRUE 34 SHOE 2243.26' MD AND 2209' TVD. TD 2235' GL AND 2254' RKB. (TVD $-34$ ' FOR THIS WELL).
20:30	22:00	1.5	0	0 RIG UP TO RUN CASING.

10-04-2011	Re	ported By	y F	PAT CLARK							
DailyCosts:	Drilling	\$24	1,622	Com	pletion	\$0		Daily	Total	\$24,622	
<b>Cum Costs:</b>	Drilling	\$26	52,137	Com	pletion	\$0		Well 7	Total	\$262,137	
MD	2,254	TVD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at R	Report Ti	me: RDMC	ORT								

Start End Hrs From To **Activity Description** 14:00 06:00 16.0 0 0 RDMORT. PREPARE TO MOVE RIG @ 07:00 ON 10-04-11.

TRANSFER 5 JTS 4 1/2" N–80 11.6# LTC CSG (205.86' TOL) F/ NCW 304–28.

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

TRANSFER~3~JTS~4~1/2"~HCP-110~11.6#~LTC~CSG~(136.03"~TOL)~F/~NCW~304-28. TRANSFER~(2)~4~1/2"~HCP-110~11.6#~LTC~MJ~(39.65"~TOL)~F/~NCW~304-28.

				TRA	NSFER 2500 (	GALS FU	EL @ \$3.93/0	GAL F/ NCV	V 304–28.			
10-05-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ng	\$90,912		Com	pletion	\$0		Daily	Total	\$90,912	
Cum C	osts: Drill	ing	\$353,049	)	Com	pletion	\$0		Well '	<b>Total</b>	\$353,049	
MD	2,25	54 T	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion:		P	<b>BTD</b> : 0.0			Perf:			PKR De	<b>pth</b> : 0.0	
Activity	y at Repor	t Time:	RURT									
Start	End	Hrs	From To	o Acti	ivity Descrip	tion						
06:00	07:00	1.0	0 0	0 RDR	RT.							
07:00	19:00	12.0	0 0	CUT		I). 75% RI	G ON LOC,	40% RIGGE	D UP. SUB SI		DIRT WORK ( K ON FLOOR.	
19:00	06:00	11.0	0 0	0 WAI	T ON DAYLIC	ЭНТ.						
				SAF	L CREWS, NO ETY MEETIN L – 2500, USE	GS – RIG		W JONES, F	RIG CREW, M	T WEST, CO	G ELECTRIC.	
10-06-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ing	\$67,506		Com	pletion	\$0		Daily	Total	\$67,506	
Cum C	osts: Drill	ing	\$420,555	5	Com	pletion	\$0		Well '	<b>Total</b>	\$420,555	
MD	2,25	54 T	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion :		P	<b>BTD</b> : 0.0	J		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	PU DP							•		
Start	End	Hrs	From To	o Acti	ivity Descrip	tion						
06:00	22:00	16.0	0 0		1. RURT. CRAI U 1498–25D, F			ASED @ 09:	00, DERRICK	K RAISED @	10:00. WALK	RIG TO
22:00	23:00	1.0	0 0	0 N/U	BOP. RIG ACC	CEPTED (	@ 22:00.					
23:00	02:00	3.0	0 0	TES	T PIPE RAMS OWER KELLY NULAR PREVI	, BLIND I & INSII	RAMS, HCR. DE BOP 500	CHOKE LI ) PSI HIGH	NES, MANIF – 10 MINUTI	OLD, KILL ES / 250 PSI	&C QUICK TE LINE VALVES LOW – 5 MIN. IMULATOR FU	S, UPPER TEST
				TES	T CASING TO	1500 PSI	/ 30 MIN. O	K.				
				BLM	1 & STATE NO	TIFIED 1	0-1-11 @ 10	0:30.				
02:00	02:30	0	5 0	0 INST	TALL WEAR F	BUSHING	ł.					
02:30	06:00	3.5	5 0	0 P/U	DIRECTIONA	L BHA A	ND SCRIBE	MM. P/U D	Р.			
				FUL	L CREWS, NO	) ACCIDE	ENTS.					
				SAF	ETY MEETIN	GS, RUR	Γ, TESTING	BOP, R/U Al	ND P/U BHA.			
				FUE	L – 10260, DE	L 7201, U	JSED – 456.					
10-07-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ng	\$53,310		Com	pletion	\$0		Daily	Total	\$53,310	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

**MD** 3,400 **TVD** 3,352 **Progress** 1,146 **Days** 1 **MW** 9.3 **Visc** 30.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING @ 3400'

Start	End	Hrs	From To	Activity Description
06:00	07:00	1.0	0	0 P/U DP. TAG CEMENT @ 2180'. R/D TRS.
07:00	08:00	1.0	0	0 TORQUE KELLY, INSTALL ROT RUBBER, CHECK F/LEAKS.
08:00	10:00	2.0	0	0 DRILL CEMENT & FLOAT EQUIPMENT, 10' NEW HOLE TO 2264'.
10:00	10:30	0.5	0	0 PERFORM FIT TO 141 PSI F/10.5 EMW.
10:30	16:30	6.0	0	$0\ \ \text{ROTATE \& SLIDE 2264'} - 2679'.\ \ \text{WOB 12-17K, RPM 57/68, SPP 1500 PSI, DP 200-300 PSI, ROP 69} \\ \ \ \text{FPH.}$
16:30	17:00	0.5	0	0 RIG SERVICE. CHECK COM.
17:00	06:00	13.0	0	$0\ \ \text{ROTATE \& SLIDE 2679'} - 3400'.\ \ \text{WOB 20K, RPM 59/63, SPP 1500 PSI, DP 100-250 PSI, ROP 55 FPH.}$

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - P/U DP, CONNECTIONS.

CURRENT MW - 9.4 PPG, VIS - 33 SPQ.

FUEL - 8778, USED - 1482.

FORMATION - MAHOGANEY OIL SHALE.

LAST 24 HOURS - ROTATE 93% ( 1088' @ 62 FPH), SLIDE - 7% (58' @ 48 FPH).

06:00 0 SPUD 7 7/8" HOLE @ 10:30 HRS, 10/6/11.

Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
<b>MD</b> 4,8	15	TVD	4,766	Progress	1,415	Days	2	MW	9.7	Visc	33.0
Cum Costs: Dril	ling	\$516	5,468	Cor	npletion	\$0		Well 7	Total	\$516,468	
DailyCosts: Drill	ling	\$42,	602	Cor	npletion	\$0		Daily	Total	\$42,602	
10-08-2011	Rep	orted By	PA	AT CLARK							

Activity at Report Time: DRILLING @ 4815'

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	3400	3961	ROTATE & SLIDE 3400' – 3961'. WOB 21K, RPM 58/68, SPP 1650 PSI, DP 200 PSI, ROP 53 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. CHECK COM.
17:00	06:00	13.0	3961	4815	ROTATE & SLIDE 3961' – 4815'. WOB 21K, RPM 59/68, SPP 1800 PSI, DP 200–300 PSI, ROP 66 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - MUDDY CONDITIONS, HOUSEKEEPING.

CURRENT MW - 9.8 PPG, VIS - 33 SPQ.

FUEL - 7410, USED - 1368.

FORMATION – WASATCH @ 4658'.

LAST 24 HOURS - ROTATE 94% ( 1332' @ 61 FPH), SLIDE - 6% (83' @ 37 FPH).

10-09-2011	Re	eported By	]	PAT CLARK							
DailyCosts:	Drilling	\$38,	678	Cor	npletion	\$0		Dail	y Total	\$38,678	
<b>Cum Costs:</b>	Drilling	\$555	5,147	Cor	npletion	\$0		Well	Total	\$555,147	
MD	6,050	TVD	6,000	Progress	1,235	Days	3	MW	10.0	Visc	36.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 6050'

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06.00	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	15:00	9.0	4815	5275	ROTATE & SLID	E 4815' – 5	275'. WOB 21	K, RPM 59/	63, SPP 200	00, DP 200–30	0 PSI, ROP 51	FPH.
15:00	15:30	0.5	0	0	RIG SERVICE. C	HECK CO	M, FUNCTION	N PIPE RAN	AS.			
15:30	06:00	14.5	5275	6050	ROTATE AND SI	LIDE 5275'	– 6050'. WOE	3 22K, RPM	55/68, SPP	2200 PSI, DP	250 PSI, ROP 5	3 FPH.
					FULL CREWS, N	O ACCIDI	ENTS.					
					SAFETY MEETI	NGS – WI	NTERIZING, E	EMPTYING	CATCH TA	NK.		
					CURRENT MW -	- 10 PPG, V	/IS - 35 SPQ,	NO LOSSE	S.			
					FUEL – 5928, US	ED – 1482						
					FORMATION – I	BUCK CAN	IYON @ 5917	·.				
					LAST 24 HOURS	S – ROTATI	E 97% ( 1201'	@ 53 FPH),	SLIDE – 39	% (34' @ 34 F	PH).	
10-10-2	2011	Report	ted By		PAT CLARK							
DailyCo	osts: Drilli	ing	\$37,18	86	Con	npletion	\$0		Dail	y Total	\$37,186	
Cum Co	osts: Drill	ing	\$592,3	334	Con	npletion	\$0		Well	Total	\$592,334	
MD	7,10	)5 <b>TV</b>	'D	7,055	5 Progress	1,055	Days	4	MW	10.1	Visc	36.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 710	05'							
Start	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	16:30	10.5	6050	6493	ROTATE & SLID	E 6050' – 6	493'. WOB 22	K, RPM 50	68, SPP 220	00 PSI, DP 200	)–300 PSI, ROP	42 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. C	HECK CO	M.					
17:00	06:00	13.0	6493	7105	ROTATE & SLID	E 6493' – 7	105'. SAME F	ARAMETE	RS, ROP 47	FPH.		
					FULL CREWS, N						0.170	
					FULL CREWS, N SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS	NGS – INS - 10.2 PPG ED – 1482. NORTH HC	TALLING CE , VIS – 37 SPC DRN @ 6588',	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @	6925'.		
10-11-2	2011	Report	ted By		SAFETY MEETI CURRENT MW - FUEL – 4446 US: FORMATION – 1	NGS – INS - 10.2 PPG ED – 1482. NORTH HC	TALLING CE , VIS – 37 SPC DRN @ 6588',	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @	6925'.		
10–11–2 DailyCo		Report		45	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK	NGS – INS - 10.2 PPG ED – 1482. NORTH HO S – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016'	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49	6925'. % (39' @ 33 F	PH).	
DailyCo	osts: Drilli	ing	\$44,44		SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016'	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dail</b>	6925'. % (39' @ 33 Fl y <b>Total</b>		
DailyCo	osts: Drilli osts: Drill	ing ing	\$44,44 \$636,7	780	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK Con	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion  npletion	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F. y Total Total	PH). \$44,445 \$636,780	35.0
DailyCo	osts: Drilli osts: Drilli 8,02	ing ing	\$44,44 \$636,7	780 7,97:	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK Con Con	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b>	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dail</b>	6925'. % (39' @ 33 F y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati	osts: Drilli osts: Drilli 8,02	ing ing	\$44,44 \$636,7	7,973 <b>PBTD</b>	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion  npletion	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F. y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati Activity	osts: Drilli osts: Drill 8,02 ion :	ing ing	\$44,44 \$636,7	7,975 <b>PBTD</b> IG @ 802	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI npletion 920	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b>	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati Activity	osts: Drilli osts: Drilli 8,02 ion : v at Repor	ing ing 25 TV t Time:	\$44,44 \$636,7 <b>D</b> DRILLIN <b>From</b>	7,975 <b>PBTD</b> IG @ 802 <b>To</b>	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0 25'	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion 920  ption	TALLING CE, VIS – 37 SPC ORN @ 6588', E 96% ( 1016' \$0 \$0 Days Perf :	O, NO LOSS  KMV PRIC  @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 Daily Well MW	6925'. % (39' @ 33 F y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start	osts: Drilli osts: Drilli 8,02 ion : at Repor End	ing ing 25 TV t Time: Hrs	\$44,44 \$636,7 <b>D</b> DRILLIN  From 7105	7,975 <b>PBTD</b> IG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC S – ROTATI  npletion 920  ption E 7105' – 7	TALLING CE, VIS – 37 SPC ORN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b> <b>Perf</b> :	O, NO LOSS  KMV PRIC  @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 Daily Well MW	6925'. % (39' @ 33 F y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00	osts: Drilli 8,02 ion : v at Repor End 14:30	ing ing  t Time:  Hrs  8.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con 5 Progress : 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 6 – ROTATI  npletion 920  ption E 7105' – 7 HECK CO	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  \$0 <b>Days Perf:</b> 464'. WOB 22  M.	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Dail; Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS  PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri ROTATE & SLID RIG SERVICE. C ROTATE & SLID	NGS – INS – 10.2 PPG ED – 1482. NORTH HC S – ROTATI  npletion  920  ption E 7105' – 7 HECK CO: E 7464' – 8	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  Days  Perf:  464'. WOB 22  M.  1025'. SAME F	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Dail; Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS PAT CLARK  Con S Progress: 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 6 – ROTATI  npletion 920  ption E 7105' – 7 HECK CO E 7464' – 8	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  \$0  Days  Perf:  464'. WOB 22  M.  6025'. SAME F	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Daily Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW- FUEL - 4446 US: FORMATION - N LAST 24 HOURS  PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri ROTATE & SLID RIG SERVICE. C ROTATE & SLID FULL CREWS, N	NGS – INS – 10.2 PPG ED – 1482. NORTH HC G – ROTATI  npletion  920  ption E 7105' – 7 HECK CO E 7464' – 8	TALLING CE, VIS – 37 SPC  ORN @ 6588', E 96% ( 1016'  \$0 \$0  Days Perf:  464'. WOB 22 M.  1025'. SAME F	Q, NO LOSS KMV PRIC @ 45 FPH),  5  CK, RPM 54,  CARAMETE	ERS, DRIVES. E RIVER @ SLIDE – 49  Daily Well  MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

## FORMATION - KMV PRICE RIVER MIDDLE @ 7806'.

LAST 24 HOURS – ROTATE 96% ( 880' @ 39 FPH), SLIDE – 4% (40' @ 15 FPH).

				LAST 24 HOURS	S – ROTATI	E 96% ( 880' @	39 FPH),	SLIDE – 4%	(40' @ 15 FP	H).	
10-12-2011	Repo	rted By		PAT CLARK							
DailyCosts: Dril	lling	\$71,3	32	Cor	npletion	\$6,349		Daily	y Total	\$77,681	
Cum Costs: Dri	lling	\$708,	112	Cor	npletion	\$6,349		Well	Total	\$714,461	
<b>MD</b> 8,9	945 <b>T</b>	VD	8,89	5 Progress	920	Days	6	MW	10.8	Visc	36.0
Formation :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity at Repo	rt Time:	DRILLIN	NG @ 89	45'							
Start End	Hrs	From	To	Activity Descri	ption						
06:00 16:30	10.	5 8025	8459	ROTATE & SLID 41 FPH.	E 8025' – 8	459'. WOB 20	–23K, RPN	1 47-55/66-6	68, SPP 2450 l	PSI, DP 150-30	00 PSI, RC
16:30 17:00	0	5 0	0	RIG SERVICE. C	CHECK CO	M.					
17:00 06:00	13.	0 8459	8945	DRILL ROTATE	8459' – 894	5'. SAME PAF	RAMETER	S, ROP 37 F	PH. #2 PUMP	ON @ 8600'.	
				FULL CREWS, N SAFETY MEETI CURRENT MW FUEL – 9804, DI FORMATION – 1 LAST 24 HOURS	NGS – CHA – 11.1 PPG EL – 8000, I KMV PRIC	ANGING TON , VIS – 38 SPQ USED – 1275. E RIVER LOW	), NO LOSS VER @ 860	SES. 7'.		н).	
10-13-2011	Dono	rted By		PAT CLARK/KE			3) 1111),	SEIDE 270	(13 € 2311		
DailyCosts: Dril	_	\$46,7	54		npletion	\$0		Dails	y Total	\$46,754	
Cum Costs: Dri	Ü	\$754,			npletion	\$6,349			Total	\$761,215	
	_	VD	9,27		376	Days	7	MW	11.4	Visc	39.0
Formation :	•	, 2	PBTD			Perf:		112 11	PKR Dep		
Activity at Repo	rt Time:	WIPER T									
Start End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00 15:30	9.	5 8945	9273	ROTATE DRILL 130 TO 230, ROT		5' TO 9273'. 31	19'. ROP 3	3.58', WOB 2	21, STROKES	119, PSI 2580,	DIFF PSI
15:30 16:00	0.	5 0	0	SERVICE RIG, C	CHECK BO	P, WORK ALL	SAFETY	VALVES.			
16:00 18:00	2.	0 9273	9321	ROTATE DRILL	FROM 927	3' TO 9321'. 48	3'. REACH	IED TD @ 1	800 HOURS,	10/12/2011.	
18:00 22:30	4.:	5 0	0	CIRCULATE AN CHECKED FLOY DRY PIPE SLUG	W, WELL F						
22:30 04:30	6.	0 0	0	TOH. TIGHT HO	LE FROM	4680' TO 4610	, JARED	ONE TIME. I	LAY DOWN I	DIRECTIONAL	TOOLS.
04:30 06:00	1	5 0	0	MAKE UP BIT A	ND TIH.						
				FULL CREWS, N SAFETY MEETI CURRENT MW FUEL – 8550, DI FORMATION – 3	NGS – SER – 11.6 PPG EL – 8000, I	RVICE RIG, L/I , VIS – 40 , LO USED – 1254.	SSES 60 E		9321'.		
				SAFETY MEETI CURRENT MW FUEL – 8550, DI	NGS – SER – 11.6 PPG, EL – 8000, 1 SEGO. TD 1	RVICE RIG, L/I , VIS – 40 , LO USED – 1254. WELL ON 10/1	OSSES 60 E	18:00 HRS.	9321'.		

Page 10

-	osts: Drilli	_	\$42,80			npletion	\$97,322			y Total	\$140,189	
	osts: Drilli		\$797,			npletion	\$103,671			Total	\$901,405	
MD	9,32	21 <b>TV</b>	<b>/D</b>	9,27		0	Days	8	MW	11.6	Visc	40.0
Format				PBTD			Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity	y at Repor	t Time:	CEMEN	TING PF	RODUCTION CASI	NG						
Start	End	Hrs	From	То	Activity Descrip	ption						
06:00	09:00	3.0			TIH. WIPER TRII							
09:00	10:00	1.0	0	0	PICK UP KELLY,	BREAK C	CIRCULATION A	AND WA	SH AND REA	AM 30' TO B	OTTOM.	
10:00	12:00	2.0			CIRCULATE OU'							
12:00	13:00	1.0		0	PRE JOB SAFET	Y MEETIN	IG. R/U WEATH	ERFORI	D LAY DOW	N MACHINE	•	
13:00	19:00	6.0	0	O	SAFETY MEETIN DRILL PIPE.	NG, PUMP	SLUG AND LE	DP. STA	ND BACK IN	N DERRICK E	BHA AND 12 S	STANDS OI
19:00	19:30	0.5	0	0	PULL WEAR BU	SHING.						
19:30	20:00	0.5	0	0	HOLD SAFETY N	MEETING	AND R/U WEA	ΓHERFO	RD CASING	CREW.		
20:00	03:00	7.0	0	O	WEATHERFORD COLLAR @ 9245 TOTAL). TURBU 4315'. P/U JT # 22 HEAD W/69000#	BLADED 5.31', 56 JT LIZERS O 19 AND RI	DOWN JET FL S CSG, MJ @ 68 N FIRST 3 JTS, H TO 9305'. L/I	OAT SHO 348.51', 6 BOW SP O JT # 219	DE @ 9290.74 33 JTS CSG, I RING CENT	4', 1 JT CSG, MJ @ 4168.30 RALIZERS C	HALLIBURT O', 98 JTS CSO ON EVERY 3R	ON FLOAT G (218 D JT TO
03:00	04:00	1.0	0	0	CIRCULATE ANI	D CONDIT	ION HOLE. 30'	TO 40' F	LARE FOR	35 MINUTES	THEN TAPPE	ERED OFF.
04:00	04:30				RIG DOWN WEA							
		0.5			SAFETY MEETIN						R.	
04:30	06:00	0.5 1.5			SAFETY MEETING CEMENT PRODUCE  FULL CREWS, N SAFETY MEETING	JCTION C	ASING, DETAII ENTS.	S ON TO	OMORROWS		R.	
	06:00	1.5			CEMENT PRODU	JCTION C	ASING, DETAII ENTS.	S ON TO	OMORROWS		R.	
10–15–2	06:00	1.5	0	0	FULL CREWS, N SAFETY MEETIN KERRY SALES	JCTION C O ACCIDI NGS – L/D	ASING, DETAII ENTS.	S ON TO	OMORROWS ING		\$95,415	
10–15–2 DailyCo	06:00	Repor	ted By	20	FULL CREWS, N SAFETY MEETIN KERRY SALES Con	JCTION C	ASING, DETAII ENTS. DRILL PIPE, R	S ON TO	OMORROWS ING <b>Dail</b> y	S REPORT.		
10–15–2 DailyCo Cum Co	06:00  2011 osts: Drilli	Repor	ted By \$28,32	20	FULL CREWS, N SAFETY MEETIN KERRY SALES Con	JCTION C O ACCIDE NGS – L/D  npletion	ASING, DETAII ENTS. DRILL PIPE, R \$67,094 \$170,765	S ON TO	OMORROWS ING <b>Dail</b> y	s REPORT.	\$95,415	0.0
10–15–2 DailyCo Cum Co MD	06:00  2011  osts: Drilli  9,32	Repor	ted By \$28,32	20 254 9,27	FULL CREWS, N SAFETY MEETIN KERRY SALES Con Con 1 Progress	JCTION C O ACCIDE NGS – L/D opletion opletion	ASING, DETAII ENTS. DRILL PIPE, R \$67,094 \$170,765  Days	LS ON TO	OMORROWS ING Daily Well	y Total Total 0.0	\$95,415 \$996,820 <b>Visc</b>	0.0
10–15–2 DailyCo Cum Co MD Format	06:00  2011  osts: Drilli  osts: Drilli  9,32  ion:	Reporting TV	ted By \$28,33 \$826,0	20 054 9,27 <b>PBTD</b>	FULL CREWS, N SAFETY MEETIN KERRY SALES Con Con 1 Progress : 0.0	JCTION C O ACCIDE NGS – L/D opletion opletion	ASING, DETAII ENTS. DRILL PIPE, R \$67,094 \$170,765	LS ON TO	OMORROWS ING Daily Well	s REPORT.  y Total  Total	\$95,415 \$996,820 <b>Visc</b>	0.0
10–15–: DailyCo Cum Co MD Format Activity	2011 osts: Drilli osts: Drilli 9,32 ion:	Reporting TV	ted By \$28,3: \$826,0  WO COM	0 20 054 9,27 <b>PBTD</b> 4PLETI	FULL CREWS, N SAFETY MEETIN KERRY SALES Con Con 1 Progress : 0.0	JCTION C TO ACCIDENTS – L/D TO A	ASING, DETAII ENTS. DRILL PIPE, R \$67,094 \$170,765  Days	LS ON TO	OMORROWS ING Daily Well	y Total Total 0.0	\$95,415 \$996,820 <b>Visc</b>	0.0
10–15–: DailyCo Cum Co MD Format	06:00  2011  osts: Drilli  osts: Drilli  9,32  ion:	Reporting TV	ted By \$28,33 \$826,0  WO CON From	20 054 9,27 <b>PBTD</b> MPLETIO	FULL CREWS, N SAFETY MEETIN KERRY SALES Con Con 1 Progress : 0.0	JCTION C  TO ACCIDE  NGS – L/D  Inpletion  0  ption  5000 PSI.  ND LEAD 0  CEMENT  S FRESH V  PLUG W/3  RFACE. BU	ASING, DETAIL ENTS.  DRILL PIPE, R  \$67,094 \$170,765  Days Perf:  PUMP 20 BBLS CEMENT @ 12. @ 13.5 PPG. W. WATER + .5 GA: 600 PSI. FLOAG JMPED PLUG O	9 MUD FI 5 PPG. T ASH UP A L/1000 G FS HELD  0 06:51 A	DMORROWS  ING  Daily  Well  MW  LUSH, 10 BB PAIL IN WITH  AND DROP IN  AL MYACIE  2 BBLS BA	y Total  Total  0.0  PKR Dep  BLS OF WATE H 1355 SX (3  LATCH DOW DE GA25 @ 8  CK. GOOD L	\$95,415 \$996,820 <b>Visc</b> <b>pth:</b> 0.0 ER, PUMP 470 849 BBLS.) IN PLUG. DIS BPM, MAX P	SX(135 SPLACED RESSURE RE. NO
10–15–: DailyCo Cum Co MD Format Activity Start	2011  costs: Drilli costs: Drilli 9,32  cion: y at Repor	Reporting to TV	ted By \$28,33 \$826,0  WO CON From	20 054 9,27 <b>PBTD</b> MPLETIO	FULL CREWS, N SAFETY MEETIN KERRY SALES Con Con 1 Progress : 0.0 ON Activity Descrip TEST LINES TO BBLS) HIGHBON EXTENDACEM WITH 143.3 BBL 2600 PSI. BUMP CEMENT TO SUI	DOTION CONTROL OF STREET NO STREET NO STREET NO STREET NO STREET NO STREET NO DESTREET NO	ASING, DETAIL ENTS.  DRILL PIPE, R  \$67,094 \$170,765  Days  Perf:  PUMP 20 BBLS CEMENT @ 12. @ 13.5 PPG. W. WATER + .5 GA' 600 PSI. FLOA' JMPED PLUG O	9 MUD FI 5 PPG. T ASH UP A L/1000 G IS HELD  0 06:51 A N.	DMORROWS  ING  Daily  Well  MW  LUSH, 10 BB FAIL IN WITH AND DROP IN AL MYACIE 22 BBLS BA AM ON 10/14	y Total  Total  0.0  PKR Dep  BLS OF WATE H 1355 SX (3  LATCH DOW DE GA25 @ 8  CK. GOOD L	\$95,415 \$996,820 <b>Visc</b> <b>pth:</b> 0.0 68, PUMP 470 649 BBLS.) 6N PLUG. DIS BPM, MAX P JIFT PRESSUR PED CASING 1	SX(135 SPLACED PRESSURE RE. NO PRESSURE
10–15–: DailyCo Cum Co MD Format Activity Start	2011  costs: Drilli costs: Drilli 9,32  cion: y at Repor	Reporting to TV	ted By \$28,3: \$826,0  WO COM From 0	20 054 9,27 <b>PBTD</b> 4PLETIO	FULL CREWS, N SAFETY MEETIN KERRY SALES Con Con 1 Progress : 0.0 ON Activity Descrip TEST LINES TO BBLS) HIGHBON EXTENDACEM WITH 143.3 BBL 2600 PSI. BUMP CEMENT TO SUI BACK UP TO 360	JCTION C  TO ACCIDE  NGS – L/D  Inpletion  O  Ption  5000 PSI.  ND LEAD O  CEMENT S FRESH V  PLUG W/3  RFACE. BI  00 PSI. R/D  E NOTIFIE	ASING, DETAIL ENTS.  DRILL PIPE, R  \$67,094 \$170,765  Days  Perf:  PUMP 20 BBLS CEMENT @ 12. @ 13.5 PPG. W. WATER + .5 GA 600 PSI. FLOA JMPED PLUG © HALLIBURTO D ON 10/11/201	9 MUD FI 5 PPG. T ASH UP A L/1000 G FS HELD  06:51 A N. 1 AT 18::	DAILY WELL IN WITH AND DROP DAIL MYACIE DE BBLS BAM ON 10/14	y Total  Total  0.0  PKR Dep  BLS OF WATE H 1355 SX (3 LATCH DOW DE GA25 @ 8 CK. GOOD L  4/2011. PUMP	\$95,415 \$996,820 <b>Visc</b> <b>pth:</b> 0.0 68, PUMP 470 649 BBLS.) 6N PLUG. DIS BPM, MAX P JIFT PRESSUR PED CASING 1	SX(135 SPLACED PRESSURE RE. NO PRESSURE
10–15–2 DailyCo Cum Co MD Format Activity Start 06:00	2011 osts: Drilli 9,32 cion: y at Repor End 07:00	Reporting to TV t Time: Hrs	\$28,33 \$826,0/ <b>D</b> WO CON  From  0	20 054 9,27 PBTD 4PLETIO 0	FULL CREWS, N SAFETY MEETIN KERRY SALES  Com Com 1 Progress : 0.0 ON Activity Descrip TEST LINES TO BBLS) HIGHBON EXTENDACEM WITH 143.3 BBL 2600 PSL BUMP CEMENT TO SUI BACK UP TO 360 BLM AND STATE	DICTION C TO ACCIDE NGS – L/D  Inpletion  0  ption  5000 PSI. ND LEAD 0 CEMENT S FRESH V PLUG W/3 RFACE. BU 00 PSI. R/E E NOTIFIE NT. HOLD	ASING, DETAIL ENTS.  DRILL PIPE, R  \$67,094 \$170,765  Days Perf:  PUMP 20 BBLS CEMENT @ 12. @ 13.5 PPG. W. WATER + .5 GA: 600 PSI. FLOA: JMPED PLUG O HALLIBURTO D ON 10/11/201 3600 PSI ON C.	9 MUD FI 5 PPG. T ASH UP A L/1000 G FS HELD  0 06:51 A N. 1 AT 18:: ASING. 1	DAILY WELL IN WITH AND DROP IN AL MYACIE DE BBLS BAM ON 10/14	y Total  Total  0.0  PKR Dep  BLS OF WATE H 1355 SX (3 LATCH DOW DE GA25 @ 8 CK. GOOD L  4/2011. PUMP	\$95,415 \$996,820 <b>Visc</b> <b>pth:</b> 0.0 68, PUMP 470 649 BBLS.) 6N PLUG. DIS BPM, MAX P JIFT PRESSUR PED CASING 1	SX(135 SPLACED PRESSURE RE. NO PRESSURE

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

TRANSFER 7 JTS 4 1/2", 11.6#, N–80, LTC CSG (295.85' TOTAL) TO CWU 1499–25D. TRANSFER 2 4 1/2", 11.6#, HC–P110, LTC MJ (40.27' TOTAL) TO CWU 1499–25D. TRANSFER 8037 GALS FUEL @ \$3.79/GAL TO CWU 1499–25D.

 $09:00 \hspace{1.5cm} 0 \hspace{0.5cm} RIG \hspace{0.1cm} RELEASED \hspace{0.1cm} AT \hspace{0.1cm} 09:00 \hspace{0.1cm} HRS, \hspace{0.1cm} 10/14/2011.$ 

CASING POINT COST \$826,055

	CTATE OF LITAL		FORM 9
	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
CHND	NA NOTICES AND DEPORTS	ON WELL C	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	RY NOTICES AND REPORTS (	_	
	sals to drill new wells, significantly deepen e gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		E NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 25	<b>P, RANGE, MERIDIAN:</b> Township: 09.0S Range: 22.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION
11/4/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all perti		
No activity has occu	rred since last submission on 1	.0/18/2011 to 11/4/2011.	•
		<b>A</b>	accepted by the
			Jtah División of
		Oil	, Gas and Mining
		FOR	R RECORD ONLY
NAME (PLEASE PRINT) Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	TITLE Operations Clerk	
SIGNATURE N/A		<b>DATE</b> 11/4/2011	

	STATE OF UTAH		FORM 9
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper agged wells, or to drill horizontal laterals. I		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1498-25D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047510140000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		DNE NUMBER: 111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0607 FNL 1990 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	$\square$ commingle producing formations	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
11/30/2011	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:
12 DESCRIBE PROPOSED OF CO	MPLETED OPERATIONS. Clearly show all pe	rtinent details including dates, denths	volumes etc
l .	ed well chronology report for		·
	all activity up to 11/30/1	l1.	_
			Accepted by the
			Utah Division of
			I, Gas and Mining
		FOI	R RECORD ONLY
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER		
SIGNATURE	307 276-4842	Regulatory Assistant  DATE	
N/A		11/30/2011	

# WELL CHRONOLOGY REPORT

Report Generated On: 11-30-2011

Well Name	CWU 1498-25D	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-51014	Well Class	DRIL
County, State	UINTAH, UT	Spud Date	10-06-2011	Class Date	
Tax Credit	N	TVD / MD	9,265/9,321	Property #	065607
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	9,244/ 9,290
KB / GL Elev	5,054/ 5,035				
Location	Section 25, T9S, R22E, NENV	W, 607 FNL & 1990 F	WL		

DRILL & COMPLETE

Operator	EOG RESOUR	CES, INC W	I % 100	0.0	NRI %	82.13	39
AFE No	310136	A	FE Total	1,562,100	DHC / C	<b>WC</b> 7.	50,000/ 812,100
Rig Contr	TRUE	Rig Name	TRUE #34	Start Date	03-30-2011	Release Date	10–14–2011
03-30-2010	Reported By	SHAR	ON CAUDILL				
DailyCosts: Di	rilling \$0		Completion	\$0	Daily	Total \$	0
Cum Costs: D	rilling \$0		Completion	\$0	Well	Fotal \$	0
MD	0 <b>TVD</b>	0 <b>P</b> 1	rogress 0	Days	0 <b>MW</b>	0.0	<b>isc</b> 0.0
Formation:		<b>PBTD</b> : 0.0		Perf:		PKR Depth	: 0.0

Activity at Report Time: LOCATION DATA

1.0

**Event No** 

Start	End	Hrs	From To	<b>Activity Description</b>
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 607' FNL & 1990' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

Description

LAT 40.012600, LONG 109.390650 (NAD 83) LAT 40.012633, LONG 109.389969 (NAD 27)

PROPOSED BHL: 1040' FNL & 2373' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9321' MD / 9265' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-0285A

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

ELEVATION: 5035.9' NAT GL, 5035.2' PREP GL (DUE TO ROUNDING PREP GL IS 5035'), 5054' KB  $(19^\circ)$ 

MULTI PAD WELL: CWU 1498–25D, CWU 1499–25D D, CWU 1500–25D, CWU 1501–25D, CWU 1502–25D

## EOG WI 100%, NRI 82.139316%

		EOG WI 100%, N	KI 02.1393	10%					
07-11-2011 Re	ported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	y Total	\$0	
<b>Cum Costs: Drilling</b>	\$0	Cor	npletion	\$0		Well	Total	\$0	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PB'	<b>TD</b> : 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Tir	ne: LOCATION E	BUILD							
Start End Hr	s From To	<b>Activity Descri</b>	ption						
06:00 06:00	24.0 0	0 BEGAN CONSTI	RUCTION	OF LOCATIO	N 7/11/11.				
07-12-2011 Re	ported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	y Total	\$0	
<b>Cum Costs: Drilling</b>	\$0	Cor	npletion	\$0		Well	Total	\$0	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PB'	<b>TD</b> : 0.0		Perf:			PKR De <sub>l</sub>	<b>pth</b> : 0.0	
Activity at Report Tin	ne: LOCATION E	BUILD							
Start End Hr	s From To	<b>Activity Descri</b>	ption						
06:00 06:00	24.0 0	0 LOCATION COM	IPLETE. S	TARTING CLO	OSED LOO	Р.			
07-13-2011 Re	ported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	y Total	\$0	
<b>Cum Costs: Drilling</b>	\$0	Cor	npletion	\$0		Well	Total	\$0	
<b>MD</b> 60	TVD	60 <b>Progress</b>	0	Days	0	MW	0.0	Visc	0.0
Formation:	PB'	<b>TD</b> : 0.0		Perf:			PKR Dej	<b>pth:</b> 0.0	
Activity at Report Tir	ne: LOCATION E	BUILD							
Start End Hr	s From To	<b>Activity Descri</b>	ption						
06:00 06:00	24.0 0	0 CLOSED LOOP	10% COMP	PLETE.					
07-14-2011 Re	ported By	GERALD ASHCI	RAFT						
DailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	y Total	\$0	
<b>Cum Costs: Drilling</b>	\$0	Cor	npletion	\$0		Well	Total	\$0	
	TIXTD	60 Progress	0	Days	0	MW	0.0	Visc	0.0
<b>MD</b> 60	TVD	riogress							
MD 60 Formation :		TD: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
1.12	PB	8		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Formation :	PB'	8	ption	Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Formation : Activity at Report Tir Start End Hr	PB'	TD: 0.0	ET RIG SP	UD A 20" HOL		/11 @ 08:00	·		OUCTOR.

BLM WAS NOTIFIED BY EMAIL OF SPUD ON 7/11/11 @ 15:34 PM.

06:00 0 CLOSED LOOP 20% COME	PLETE.					
77–15–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Tota	al	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		P	KR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Time: LOCATION BUILD						
Start End Hrs From To Activity Description						
06:00 06:00 24.0 0 0 CLOSED LOOP 50% COMP	PLETE.					
07–18–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Tota	ıl	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		P	KR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Time: LOCATION BUILD						
Start End Hrs From To Activity Description						
06:00 06:00 24.0 0 0 CLOSED LOOP 60% COME	PLETE.					
07–19–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Tota	al	\$0	
MD 60 TVD 60 Progress 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		P	KR Dej	<b>pth:</b> 0.0	
Activity at Report Time: BUILD LOCATION						
Start End Hrs From To Activity Description						
06:00 06:00 24.0 0 0 CLOSED 65% COMPLETE.						
07–20–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
	\$0		·		\$0	
Cum Costs: Drilling \$0 Completion			Well Tota	11		
Cum Costs 21ming	Days	0	Well Tota MW	0.0	Visc	0.0
MD 60 TVD 60 Progress 0	Days Perf:	0	MW	0.0	<b>Visc pth:</b> 0.0	0.0
MD 60 TVD 60 Progress 0	=	0	MW	0.0		0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0	=	0	MW	0.0		0.0
MD 60 TVD 60 Progress 0  Formation: PBTD: 0.0  Activity at Report Time: LOCATION BUILD	Perf:	0	MW	0.0		0.0
MD 60 TVD 60 Progress 0  Formation: PBTD: 0.0  Activity at Report Time: LOCATION BUILD  Start End Hrs From To Activity Description  06:00 06:00 24.0 0 0 CLOSED LOOP 70% COMP	Perf:	0	MW	0.0		0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE	Perf:	0	MW P	0.0 <b>KR De</b> j		0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion	Perf:	0	MW P	0.0 KR Dej	<b>pth</b> : 0.0	0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion           Cum Costs:         Drilling         \$0         Completion	Perf:  *DLETE.  \$0 \$0		MW P Daily Tot Well Tota	0.0 KR Dej	\$0 \$0	
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion           Cum Costs:         Drilling         \$0         Completion           MD         60         TVD         60         Progress         0	Perf:  \$0 \$0 Days	0	MW P Daily Tota Well Tota	0.0  KR Dep	\$0 \$0 <b>Visc</b>	
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion           Cum Costs:         Drilling         \$0         Completion	Perf:  *DLETE.  \$0 \$0		MW P Daily Tota Well Tota	0.0  KR Dep	\$0 \$0	0.0

06:00	06:00	24.0	0	0	CLOSED LOOP 7	5% COMI	PLETE.					
07-22-	2011	Repor	ted By		TERRY CSERE							
DailyCo	osts: Drilli	ng	\$52,331		Com	pletion	\$0		Daily	y Total	\$52,331	
Cum C	osts: Drill	ing	\$52,331		Com	pletion	\$0		Well	Total	\$52,331	
MD	60	Т	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion :		P	BTD	: 0.0		Perf :			PKR Dej	oth: 0.0	
Activity	at Repor	t Time:	BUILD LO	CATIC	)N							
Start	End	Hrs	From T	o	<b>Activity Descrip</b>	otion						
06:00	06:00	24.0	0 0	0	LOCATION COM	PLETE.						
09-04-	2011	Repor	ted By		KERRY SALES							
DailyCo	osts: Drilli	ng	\$18,414		Com	pletion	\$0		Daily	y Total	\$18,414	
Cum C	osts: Drill	ing	\$70,745		Com	pletion	\$0		Well	Total	\$70,745	
MD	583	3 T	VD	581	Progress	283	Days	0	MW	0.0	Visc	0.0
Format	ion :		P	BTD	: 0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity	at Repor	t Time:	DRILLING	@ 583	3'							
Start	End	Hrs	From T	o	<b>Activity Descrip</b>	otion						
09:30	19:00	9.:	5 0	0	MIRU. RIG ON D	AY WORI	X AT 19:00 H	OURS ON 9	/3/2011.			
					ALL WELLS WEI DIFFERENT GPS		RILLED 12 1	/4" TO 300'.	CHECKED	SURFACE DI	RECTION WI	TH 2
19:00	23:00	4.0	0 0	0	PICK UP BHA AN MWD 63', SURVI				.16, BEND	1.75*, BIT TC	BEND 7.07',	ВІТ ТО
23:00	00:00	1.0	0 0	0	FILL THE HOLE,	CHECK I	MUD SYSTE	EM AND PU	MPS.			
00:00	06:00	6.0	300	583	ROTATE AND SL 134, PSI 600, SLII						OTARY 40, ST	ROKES
					FULL CREWS.							
					NO ACCIDENTS	OR INCE	NDENTS RE	PORTED.				
					SAFETY MEETIN	IGS: CEM	ENTING, R	IG UP.				
					FUEL USED 590	GALLON	S.					
09-05-	2011	Repor	ted By		KERRY SALES							
DailyCo	osts: Drilli	ng	\$23,147		Com	pletion	\$0		Daily	y Total	\$23,147	
Cum C	osts: Drill	ing	\$93,892		Com	pletion	\$0		Well	Total	\$93,892	
MD	1,54	3 <b>T</b>	VD	1,52	7 Progress	960	Days	0	MW	0.0	Visc	0.0
Format	ion :		P	BTD	: 0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity	at Repor	t Time:	LOST CIRC	C. HAU	JLING WATER.							
Start	End	Hrs	From T	o	<b>Activity Descrip</b>	otion						
06:00	18:00	12.0	583	1160	ROTATE AND SL 134, PSI 1200, GP LINE.					*		
18:00	00:30	6.5	5 1160	1543	ROTATE AND SL 80 STROKES 132 2.25 ABOVE THE	, PUMP P						
00:30	06:00	5.:	5 0	0	CALL FOR WATE	ER AND F	ILL MUD PI	TS AND STO	ORAGE TAN	KS.		

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

FULL CREWS.

NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: HIGH PSI LINES AND UNLOADING CASING.

FUEL USED 476 GALLONS.

				F	UEL USED 476	GALLONS	S.					
09-06-2	2011	Repor	ted By	K	ERRY SALES							
DailyCo	sts: Drilli	ing	\$35,21	7	Con	pletion	\$0		Daily	Total	\$35,217	
Cum Co	sts: Drill	ing	\$129,1	09	Con	pletion	\$0		Well	Total	\$129,109	
MD	2,25	54 <b>TV</b>	<b>'D</b>	2,220	Progress	692	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD:	0.0		Perf:			PKR Dep	<b>oth:</b> 0.0	
Activity	at Repor	t Time:	TOH. PRE	EP TO RU	N SURFACE CA	SING						
Start	End	Hrs	From	To A	Activity Descrip	otion						
06:00	07:30	1.5	0	0 L	OST CIRCULAT	TION. FILI	LING STOR	AGE TANKS	AND MUD I	PITS.		
07:30	18:00	10.5	1543		OTATE AND SL 0, PUMP PSI 115							
				R	REGAINED 80%	+– CIRCU	LATION. L	OST APPROX	XIMATELY 2	000 BARREL	S.	
18:00	04:00	10.0	1930	8	OTATE AND SL 0, STROKES 132 ABOVE THE LIN	2, PSI 1100						
				V	VELL TD ON 9/6	5/2011 AT (	04:00 AM. C	GL 2235', RKE	3 19' FOR TR	RUE 34, 2254'		
04:00	05:30	1.5	0	0 C	CIRCULATE BOT	TOMS UI	2.					
05:30	06:00	0.5	0	0 T	RIP OUT OF HO	DLE.						
				F	TULL CREWS.							
				N	O ACCIDENTS	OR INCE	NDENTS RI	EPORTED.				
				S	AFETY MEETIN	NGS: WOR	KING IN T	HE RAIN AN	D DRILLING	G PROCEDUR	RES.	
				F	UEL USED 833	GALLON	S.					
				Α	ALL DEPTHS AR	E RKB FO	OR TRUE 34	4. GL 2235', R	KB 2254'			
				T	VD FOR THIS V	VELL -34	•					
09-07-2	2011	Repor	ted By	K	ERRY SALES							
DailyCo	sts: Drilli	ing	\$108,4	06	Con	pletion	\$0		Daily	Total	\$108,406	
Cum Co	sts: Drill	ing	\$237,5	15	Com	pletion	\$0		Well	Total	\$237,515	
MD	2,25	54 <b>TV</b>	<b>D</b>	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	WORT									
Start	End	Hrs	From	To A	Activity Descrip	otion						
06:00	10:00	4.0	0	0 T	OH AND LAY D	OWN DIR	ECTIONAL	L TOOLS.				
10:00	10:30	0.5	0	0 S	ET UP BHA WII	PER TRIP.						
10:30	15:30	5.0	0	0 T	TH AND WASH	THE LAST	5 JOINTS	ТО ВОТТОМ	•			
15:30	17:30	2.0	0	0 C	CIRCULATE HOI	LE CLEAN	1.					

0 TOH WITH WIPER RUN.

17:30

20:30

3.0

0

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

20:30	22:00	1.5	0	0 RIG UP TO RUN CASING.
22:00	01:30	3.5	0	0 RUN 54 JTS OF 9/5/8", K–55, 36#, STC SURFACE PIPE. RUN 2224.26' MD GL, TVD GL 2190'. RAN 10 CENTRALIZERS FROM GL 2203' TO 1938' AND TWO FROM 338' TO 295'. NO PROBLEMS RUNNING CASING. 19' RKB FOR TRUE 34 SHOE 2243.26' MD AND 2209' TVD. TD 2235' GL AND 2254' RKB. (TVD –34' FOR THIS WELL).
01:30	02:30	1.0	0	0 CIRCULATE CAPISITY OF CASING, LAY DOWN CIRCULATING SWEDGE.
02:30	03:00	0.5	0	0 RUN 200' OF 1" PIPE FOR TOP OUT JOB.
03:00	05:00	2.0	0	0 RDMO. SET UP TO CEMENT WITH HALLIBURTON.
				RIG RELEASED AT 05:00 AM ON 9/7/2011.
05:00	06:00	1.0	0	0 MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3450 PSI.PUMPED 180 BBLS, CASING CAPISITY WITH THE RIG. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 168 BBLS FRESH WATER. FCP 650 PSI, BUMPED PLUG W/1400 PSI @ 06:49 AM ON 09/7/2011 FLOATS HELD 1 BBL BACK. RETURNS THROUGH OUT SLURRY, 78 BARRELS LEAD TO SURFACE.
				TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. GOOD RETURNS 5 BBL'S OF TOP OUT BACK. WAIT ON CEMENT 2 HOURS WHILE RIGGING DOWN. WELL STATIC.
				PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.
				KERRY SALES NOTIFIED THE BLM VIA E–MAIL OF THE SURFACE CASING & CEMENT JOB ON 09/6/2011@ 06:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 09/6/2011 AT 06:00 PM. STATE AND BLM NOTIFIED ON 09/05/2011 @ 07:50 AM.
				FULL CREWS.
				NO ACCIDENTS OR INCENDENTS REPORTED.
				SAFETY MEETING: RUN CASING, CEMENTING.
				TRANSFERRED: 6 JOINTS OF 9 5/8, K–55, 36#, STC TO WHITE RIVER PIPE YARD. 36.85', 37.22', 35.81', 34.94', 34.62', 41.92'. TOTAL PIPE 221.36'.
10 04 20	\dd	D	<b>D</b>	DAT CLADV

10-04-2011	Re	ported By	P	AT CLARK							
DailyCosts: Di	rilling	\$24,6	22	Con	npletion	\$0		Daily	Total	\$24,622	
Cum Costs: Da	rilling	\$262,	137	Con	npletion	\$0		Well	Total	\$262,137	
MD	2,254	TVD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : (	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: RDMORT

 Start
 End
 Hrs
 From
 To
 Activity Description

 14:00
 06:00
 16.0
 0
 0 RDMORT. PREPARE TO MOVE RIG @ 07:00 ON 10-04-11.

TRANSFER 5 JTS 4 1/2" N–80 11.6# LTC CSG (205.86' TOL) F/ NCW 304–28.

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

TRANSFER~3~JTS~4~1/2"~HCP-110~11.6#~LTC~CSG~(136.03"~TOL)~F/~NCW~304-28. TRANSFER~(2)~4~1/2"~HCP-110~11.6#~LTC~MJ~(39.65"~TOL)~F/~NCW~304-28.

				TRANSFER 250	0 GALS FU	EL @ \$3.93/C	GAL F/ NCW	<i>J</i> 304–28.			
10-05-	2011	Repo	rted By	PAT CLARK							
DailyC	osts: Drilli	ing	\$90,912	Co	mpletion	\$0		Daily '	Total	\$90,912	
Cum C	osts: Drill	ing	\$353,049	Co	mpletion	\$0		Well T	Cotal	\$353,049	
MD	2,25	54 <b>T</b>	VD	2,220 <b>Progress</b>	0	Days	0	MW	0.0	Visc	0.0
Format	tion:		PB	<b>TD</b> : 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	y at Repor	t Time:	RURT								
Start	End	Hrs	From To	<b>Activity Descr</b>	iption						
06:00	07:00	1.	0 0	0 RDRT.							
07:00	19:00	12.	0 0	0 MOVE RIG 10.3 CUTTINGS BEI TRUCK DRIVE	RM). 75% RI	G ON LOC, 4	40% RIGGE	D UP. SUB SE		,	
19:00	06:00	11.	0 0	0 WAIT ON DAYI	JGHT.						
				FULL CREWS, SAFETY MEET FUEL – 2500, U	INGS – RIG		W JONES, R	IG CREW, M	Г WEST, CO	ELECTRIC.	
10-06-	2011	Repor	rted By	PAT CLARK							
DailyC	osts: Drilli	ing	\$67,506	Co	mpletion	\$0		Daily '	Total	\$67,506	
Cum C	osts: Drill	ing	\$420,555	Co	mpletion	\$0		Well T	otal	\$420,555	
MD	2,25	54 <b>T</b>	VD	2,220 <b>Progress</b>	0	Days	0	MW	0.0	Visc	0.0
Format	tion :		PB	<b>TD:</b> 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	y at Repor	t Time:	PU DP								
Start	End	Hrs	From To	<b>Activity Descr</b>	iption						
06:00	22:00	16.	0 0	0 HSM. RURT. CF		ICKS RELEA	SED @ 00.			10.00 33/41 17	DIC TO
22:00	23:00			CWU 1498-25D	, FINISH RU		ISED @ 09.	00, DERRICK	RAISED @	10:00. WALK	KIO IO
23:00		1.	0 0	CWU 1498–25D 0 N/U BOP. RIG A		JRT.	ISED @ 03.	00, DERRICK	RAISED @	10:00. WALK	MO 10
23.00	02:00	1.4 3.4			CCEPTED ( VISUALLY I MS, BLIND I LY & INSIE	ORT.  22:00.  NSPECTED ARAMS, HCR, DE BOP 5000	ANNULAR CHOKE LII PSI HIGH :	PREVENTER NES, MANIF - 10 MINUTE	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
23.00	02:00			0 N/U BOP. RIG A 0 TEST STACK. V TEST PIPE RAM & LOWER KEL ANNULAR PRE	CCEPTED ( VISUALLY I AS, BLIND I LY & INSIE EVENTER 25	JRT.  22:00.  NSPECTED A RAMS, HCR, DE BOP 5000  50/2500 PSI F	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN	PREVENTER NES, MANIF - 10 MINUTE	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
25.00	02:00			0 N/U BOP. RIG A 0 TEST STACK. V TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST.	CCEPTED ( VISUALLY I MS, BLIND I LY & INSIE EVENTER 25	7RT.  2 22:00.  NSPECTED A  RAMS, HCR, DE BOP 5000  50/2500 PSI F	ANNULAR CHOKE LII PSI HIGH : OR 10 MIN	PREVENTER NES, MANIF - 10 MINUTE	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
02:00	02:00 02:30		0 0	0 N/U BOP. RIG A 0 TEST STACK. V TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING	CCEPTED ( VISUALLY I  MS, BLIND I  LY & INSIE  EVENTER 25  TO 1500 PSI  NOTIFIED 1	7RT.  22:00.  NSPECTED A  RAMS, HCR,  DE BOP 5000  50/2500 PSI F  / 30 MIN. OF	ANNULAR CHOKE LII PSI HIGH : OR 10 MIN	PREVENTER NES, MANIF - 10 MINUTE	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
		3.	0 0 5 0	0 N/U BOP. RIG A 0 TEST STACK. Y TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING ' BLM & STATE I	CCEPTED ( VISUALLY I  MS, BLIND I  LY & INSIE  EVENTER 2:  TO 1500 PSI  NOTIFIED 1  R BUSHING	7RT.  2 22:00.  NSPECTED A  RAMS, HCR, DE BOP 5000  50/2500 PSI F  / 30 MIN. OF  0-1-11 @ 10	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN K.	PREVENTER NES, MANIF0 - 10 MINUTE UTES. PERF0	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
02:00	02:30	0	0 0	0 N/U BOP. RIG A 0 TEST STACK. V TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING ' BLM & STATE I 0 INSTALL WEAR	CCEPTED ( VISUALLY I  MS, BLIND I  LY & INSIE  EVENTER 25  TO 1500 PSI  NOTIFIED 1  R BUSHING  NAL BHA AL	22:00.  NSPECTED A RAMS, HCR, DE BOP 5000 50/2500 PSI F  / 30 MIN. OF 0-1-11 @ 10	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN K.	PREVENTER NES, MANIF0 - 10 MINUTE UTES. PERF0	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
02:00	02:30	0	0 0	0 N/U BOP. RIG A 0 TEST STACK. Y TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING ' BLM & STATE I 0 INSTALL WEAI 0 P/U DIRECTION FULL CREWS, SAFETY MEET	CCEPTED ( VISUALLY I MS, BLIND I LY & INSIE EVENTER 2: TO 1500 PSI NOTIFIED 1 R BUSHING NAL BHA AI NO ACCIDE INGS, RURT	22:00.  NSPECTED A RAMS, HCR, DE BOP 5000 50/2500 PSI F  / 30 MIN. OH 0-1-11 @ 10 .  ND SCRIBE I  NTS. C, TESTING F	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN C. :30.	PREVENTER NES, MANIF - 10 MINUTE UTES. PERF	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
02:00 02:30	02:30 06:00	03	0 0 5 0 5 0	0 N/U BOP. RIG A 0 TEST STACK. V TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING T BLM & STATE I 0 INSTALL WEAR 0 P/U DIRECTION FULL CREWS,	CCEPTED ( VISUALLY I MS, BLIND I LY & INSIE EVENTER 2: TO 1500 PSI NOTIFIED 1 R BUSHING NAL BHA AI NO ACCIDE INGS, RURT	22:00.  NSPECTED A RAMS, HCR, DE BOP 5000 50/2500 PSI F  / 30 MIN. OH 0-1-11 @ 10 .  ND SCRIBE I  NTS. C, TESTING F	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN C. :30.	PREVENTER NES, MANIF - 10 MINUTE UTES. PERF	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
02:00	02:30 06:00	03	0 0	0 N/U BOP. RIG A 0 TEST STACK. Y TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING ' BLM & STATE I 0 INSTALL WEAI 0 P/U DIRECTION FULL CREWS, SAFETY MEET	CCEPTED ( VISUALLY I MS, BLIND I LY & INSIE EVENTER 2: TO 1500 PSI NOTIFIED 1 R BUSHING NAL BHA AI NO ACCIDE INGS, RURT	22:00.  NSPECTED A RAMS, HCR, DE BOP 5000 50/2500 PSI F  / 30 MIN. OH 0-1-11 @ 10 .  ND SCRIBE I  NTS. C, TESTING F	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN C. :30.	PREVENTER NES, MANIF - 10 MINUTE UTES. PERF	. RIG UP B& OLD, KILL S / 250 PSI I	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST
02:00 02:30 10-07-	02:30 06:00	0 3 Repor	0 0 5 0 5 0	0 N/U BOP. RIG A 0 TEST STACK. Y TEST PIPE RAM & LOWER KEL ANNULAR PRE TEST. TEST CASING ' BLM & STATE I 0 INSTALL WEAI 0 P/U DIRECTION FULL CREWS, SAFETY MEET FUEL - 10260, I PAT CLARK	CCEPTED ( VISUALLY I MS, BLIND I LY & INSIE EVENTER 2: TO 1500 PSI NOTIFIED 1 R BUSHING NAL BHA AI NO ACCIDE INGS, RURT	22:00.  NSPECTED A RAMS, HCR, DE BOP 5000 50/2500 PSI F  / 30 MIN. OH 0-1-11 @ 10 .  ND SCRIBE I  NTS. C, TESTING F	ANNULAR CHOKE LII PSI HIGH - OR 10 MIN C. :30.	PREVENTER NES, MANIF - 10 MINUTE UTES. PERF	. RIG UP B& OLD, KILL S / 250 PSI I ORM ACCU	&C QUICK TE LINE VALVES LOW – 5 MIN.	ST AND , UPPER TEST

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

MD 3,400 TVD 3,352 Progress 1,146 Days 1 MW 9.3 Visc 30.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING @ 3400'

Start	End	Hrs	From To	Activity Description
06:00	07:00	1.0	0	0 P/U DP. TAG CEMENT @ 2180'. R/D TRS.
07:00	08:00	1.0	0	0 TORQUE KELLY, INSTALL ROT RUBBER, CHECK F/LEAKS.
08:00	10:00	2.0	0	0 DRILL CEMENT & FLOAT EQUIPMENT, 10' NEW HOLE TO 2264'.
10:00	10:30	0.5	0	0 PERFORM FIT TO 141 PSI F/10.5 EMW.
10:30	16:30	6.0	0	$0\ \ \text{ROTATE \& SLIDE 2264'} - 2679'.\ \ \text{WOB 12-17K, RPM 57/68, SPP 1500 PSI, DP 200-300 PSI, ROP 69} \\ \ \ \text{FPH.}$
16:30	17:00	0.5	0	0 RIG SERVICE. CHECK COM.
17:00	06:00	13.0	0	$0\ \ \text{ROTATE \& SLIDE 2679'} - 3400'.\ \ \text{WOB 20K, RPM 59/63, SPP 1500 PSI, DP 100-250 PSI, ROP 55 FPH.}$

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - P/U DP, CONNECTIONS.

CURRENT MW - 9.4 PPG, VIS - 33 SPQ.

FUEL - 8778, USED - 1482.

FORMATION - MAHOGANEY OIL SHALE.

LAST 24 HOURS - ROTATE 93% ( 1088' @ 62 FPH), SLIDE - 7% (58' @ 48 FPH).

06:00 0 SPUD 7 7/8" HOLE @ 10:30 HRS, 10/6/11.

10-08-2011	Re	eported By	P	AT CLARK							
DailyCosts: I	Orilling	\$42,6	502	Con	npletion	\$0		Daily	Total	\$42,602	
Cum Costs: 1	Drilling	\$516	,468	Con	npletion	\$0		Well '	Total	\$516,468	
MD	4,815	TVD	4,766	Progress	1,415	Days	2	MW	9.7	Visc	33.0
Formation:			PBTD:	0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	

Activity at Report Time: DRILLING @ 4815'

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	3400	3961	ROTATE & SLIDE 3400' – 3961'. WOB 21K, RPM 58/68, SPP 1650 PSI, DP 200 PSI, ROP 53 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. CHECK COM.
17:00	06:00	13.0	3961	4815	ROTATE & SLIDE 3961' – 4815'. WOB 21K, RPM 59/68, SPP 1800 PSI, DP 200–300 PSI, ROP 66 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - MUDDY CONDITIONS, HOUSEKEEPING.

CURRENT MW - 9.8 PPG, VIS - 33 SPQ.

FUEL - 7410, USED - 1368.

FORMATION - WASATCH @ 4658'.

LAST 24 HOURS - ROTATE 94% ( 1332' @ 61 FPH), SLIDE - 6% (83' @ 37 FPH).

10-09-2011	Re	eported By		PAT CLARK							
DailyCosts: 1	Drilling	\$38,6	578	Con	npletion	\$0		Daily	Total	\$38,678	
Cum Costs:	Drilling	\$555	,147	Con	npletion	\$0		Well	Total	\$555,147	
MD	6,050	TVD	6,000	Progress	1,235	Days	3	MW	10.0	Visc	36.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 6050'

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06.00	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	15:00	9.0	4815	5275	ROTATE & SLID	E 4815' – 5	275'. WOB 21	K, RPM 59/	63, SPP 200	00, DP 200–30	0 PSI, ROP 51	FPH.
15:00	15:30	0.5	0	0	RIG SERVICE. C	HECK CO	M, FUNCTION	N PIPE RAN	AS.			
15:30	06:00	14.5	5275	6050	ROTATE AND SI	LIDE 5275'	– 6050'. WOE	3 22K, RPM	55/68, SPP	2200 PSI, DP	250 PSI, ROP 5	3 FPH.
					FULL CREWS, N	O ACCIDI	ENTS.					
					SAFETY MEETI	NGS – WI	NTERIZING, E	EMPTYING	CATCH TA	NK.		
					CURRENT MW -	- 10 PPG, V	/IS - 35 SPQ,	NO LOSSE	S.			
					FUEL – 5928, US	ED – 1482						
					FORMATION – I	BUCK CAN	IYON @ 5917	·.				
					LAST 24 HOURS	S – ROTATI	E 97% ( 1201'	@ 53 FPH),	SLIDE – 39	% (34' @ 34 F	PH).	
10-10-2	2011	Report	ted By		PAT CLARK							
DailyCo	osts: Drilli	ing	\$37,18	86	Con	npletion	\$0		Dail	y Total	\$37,186	
Cum Co	osts: Drill	ing	\$592,3	334	Con	npletion	\$0		Well	Total	\$592,334	
MD	7,10	)5 <b>TV</b>	'D	7,055	5 Progress	1,055	Days	4	MW	10.1	Visc	36.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 710	05'							
Start	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	16:30	10.5	6050	6493	ROTATE & SLID	E 6050' – 6	493'. WOB 22	K, RPM 50	68, SPP 220	00 PSI, DP 200	)–300 PSI, ROP	42 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. C	HECK CO	M.					
17:00	06:00	13.0	6493	7105	ROTATE & SLID	E 6493' – 7	105'. SAME F	ARAMETE	RS, ROP 47	FPH.		
					FULL CREWS, N						0.170	
					FULL CREWS, N SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS	NGS – INS - 10.2 PPG ED – 1482. NORTH HC	TALLING CE , VIS – 37 SPC DRN @ 6588',	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @	6925'.		
10-11-2	2011	Report	ted By		SAFETY MEETI CURRENT MW - FUEL – 4446 US: FORMATION – 1	NGS – INS - 10.2 PPG ED – 1482. NORTH HC	TALLING CE , VIS – 37 SPC DRN @ 6588',	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @	6925'.		
10–11–2 DailyCo		Report		45	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK	NGS – INS - 10.2 PPG ED – 1482. NORTH HO S – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016'	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49	6925'. % (39' @ 33 F	PH).	
DailyCo	osts: Drilli	ing	\$44,44		SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016'	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dail</b>	6925'. % (39' @ 33 Fl y <b>Total</b>		
DailyCo	osts: Drilli osts: Drill	ing ing	\$44,44 \$636,7	780	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK Con	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion  npletion	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F. y Total Total	PH). \$44,445 \$636,780	35.0
DailyCo	osts: Drilli osts: Drilli 8,02	ing ing	\$44,44 \$636,7	780 7,97:	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK Con Con	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b>	), NO LOSS KMV PRIC	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dail</b>	6925'. % (39' @ 33 F y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati	osts: Drilli osts: Drilli 8,02	ing ing	\$44,44 \$636,7	7,973 <b>PBTD</b>	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion  npletion	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F. y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati Activity	osts: Drilli osts: Drill 8,02 ion :	ing ing	\$44,44 \$636,7	7,975 <b>PBTD</b> IG @ 802	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0	NGS – INS - 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI npletion 920	TALLING CE , VIS – 37 SPC DRN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b>	), NO LOSS KMV PRIC @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 <b>Dai</b> l; <b>Well</b>	6925'. % (39' @ 33 F y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
DailyCo Cum Co MD Formati Activity	osts: Drilli osts: Drilli 8,02 ion : v at Repor	ing ing 25 TV t Time:	\$44,44 \$636,7 <b>D</b> DRILLIN <b>From</b>	7,975 <b>PBTD</b> IG @ 802 <b>To</b>	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0 25'	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 5 – ROTATI  npletion 920  ption	TALLING CE, VIS – 37 SPC ORN @ 6588', E 96% ( 1016' \$0 \$0 Days Perf :	O, NO LOSS  KMV PRIC  @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 Daily Well MW	6925'. % (39' @ 33 F y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start	osts: Drilli osts: Drilli 8,02 ion : at Repor End	ing ing 25 TV t Time: Hrs	\$44,44 \$636,7 <b>D</b> DRILLIN  From 7105	7,975 <b>PBTD</b> IG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC S – ROTATI  npletion 920  ption E 7105' – 7	TALLING CE, VIS – 37 SPC ORN @ 6588', E 96% ( 1016' \$0 \$0 <b>Days</b> <b>Perf</b> :	O, NO LOSS  KMV PRIC  @ 45 FPH),	ERS, DRIV ES. E RIVER @ SLIDE – 49 Daily Well MW	6925'. % (39' @ 33 F y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00	osts: Drilli 8,02 ion : v at Repor End 14:30	ing ing  t Time:  Hrs  8.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US FORMATION - N LAST 24 HOURS PAT CLARK  Con 5 Progress : 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 6 – ROTATI  npletion 920  ption E 7105' – 7 HECK CO	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  \$0 <b>Days Perf:</b> 464'. WOB 22  M.	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Dail; Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS  PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri ROTATE & SLID RIG SERVICE. C ROTATE & SLID	NGS – INS – 10.2 PPG ED – 1482. NORTH HC S – ROTATI  npletion  920  ption E 7105' – 7 HECK CO: E 7464' – 8	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  Days  Perf:  464'. WOB 22  M.  1025'. SAME F	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Dail; Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW - FUEL - 4446 US: FORMATION - N LAST 24 HOURS PAT CLARK  Con S Progress: 0.0 25' Activity Descri	NGS – INS – 10.2 PPG ED – 1482. NORTH HC 6 – ROTATI  npletion 920  ption E 7105' – 7 HECK CO E 7464' – 8	TALLING CE, VIS – 37 SPC  DRN @ 6588', E 96% ( 1016'  \$0  \$0  Days  Perf:  464'. WOB 22  M.  6025'. SAME F	Q, NO LOSS  KMV PRIC  @ 45 FPH),  5	ERS, DRIV ES. E RIVER @ SLIDE – 49  Daily Well MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	
DailyCo Cum Co MD Formati Activity Start 06:00 14:30	osts: Drilli 8,02 ion : v at Repor End 14:30 15:00	ing ing t Time: Hrs 8.5 0.5	\$44,44 \$636, <b>TD</b> DRILLIN  From  7105 0	7,975 <b>PBTD</b> AG @ 802 <b>To</b> 7464	SAFETY MEETI CURRENT MW- FUEL - 4446 US: FORMATION - N LAST 24 HOURS  PAT CLARK  Con Con 5 Progress : 0.0 25' Activity Descri ROTATE & SLID RIG SERVICE. C ROTATE & SLID FULL CREWS, N	NGS – INS – 10.2 PPG ED – 1482. NORTH HC G – ROTATI  npletion  920  ption E 7105' – 7 HECK CO E 7464' – 8	TALLING CE, VIS – 37 SPC  ORN @ 6588', E 96% ( 1016'  \$0 \$0  Days Perf:  464'. WOB 22 M.  1025'. SAME F	Q, NO LOSS KMV PRIC @ 45 FPH),  5  CK, RPM 54,  CARAMETE	ERS, DRIVES. E RIVER @ SLIDE – 49  Daily Well  MW	6925'. % (39' @ 33 F) y Total Total 10.3 PKR Dep	PH). \$44,445 \$636,780 Visc pth: 0.0	

Well Name: CWU 1498-25D Field: CHAPITA DEEP Property: 065607

## FORMATION - KMV PRICE RIVER MIDDLE @ 7806'.

10-12-2					LAST 24 HOUR	S – ROTATE	E 96% ( 880' @	39 FPH),	SLIDE – 4%	(40' @ 15 FP	H).	
	2011	Repor	ted By		PAT CLARK							
DailyCo	osts: Drilli	ing	\$71,33	2	Co	mpletion	\$6,349		Daily	Total	\$77,681	
Cum Co	osts: Drill	ing	\$708,1	12	Co	mpletion	\$6,349		Well	Total	\$714,461	
MD	8,94	45 <b>TV</b>	/ <b>D</b>	8,895	Progress	920	Days	6	MW	10.8	Visc	36.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	G @ 894	45'							
Start	End	Hrs	From	То	<b>Activity Descr</b>	iption						
06:00	16:30	10.5	8025	8459	ROTATE & SLII 41 FPH.	DE 8025' – 8	459'. WOB 20	–23K, RPN	A 47–55/66–6	58, SPP 2450 I	PSI, DP 150-30	00 PSI, RC
16:30	17:00	0.5	0	0	RIG SERVICE.	CHECK CO	М.					
17:00	06:00	13.0	8459	8945	DRILL ROTATE	8459' – 894	5'. SAME PAI	RAMETER	S, ROP 37 FF	PH. #2 PUMP	ON @ 8600'.	
					FULL CREWS,	NO ACCIDE	NTS.					
					SAFETY MEET	INGS – CHA	ANGING TON	G DIES, T	OOL MAINT	ENANCE.		
					CURRENT MW	– 11.1 PPG,	VIS – 38 SPC	, NO LOSS	SES.			
					FUEL – 9804, D	EL – 8000, U	JSED – 1275.					
					FORMATION –	KMV PRIC	E RIVER LOV	VER @ 860	7'.			
					LAST 24 HOUR	S – ROTATE	2 98% ( 905' @	39 FPH),	SLIDE – 2%	(15' @ 25 FP)	H).	
10-13-2	2011	Repor	ted By		PAT CLARK/KE	ERRY SALES	S					
DailyCo	osts: Drilli	ing	\$46,75	4	Co	mpletion	\$0		Daily	Total	\$46,754	
Cum Co	osts: Drill	ing	\$754,8	66	Co	mpletion	\$6,349		Well	Total	\$761,215	
MD	9,32	21 <b>TV</b>	/ <b>D</b>	9,27	l Progress	376	Days	7	MW	11.4	Visc	39.0
Forms4												
rormati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
	ion : / at Repor	t Time:			: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity		t Time: Hrs		RIP	: 0.0  Activity Descr	iption	Perf:			PKR Dep	oth: 0.0	
Activity	at Repor		WIPER T	RIP <b>To</b>		FROM 8945		19'. ROP 3	3.58', WOB 2			DIFF PS
Activity Start	at Repor	Hrs	WIPER T	RIP <b>To</b> 9273	Activity Descr	FROM 894: TARY 48.	5' TO 9273'. 3					DIFF PS
Activity Start 06:00	ev at Repor End 15:30	<b>Hrs</b> 9.5	WIPER T. <b>From</b> 8945	RIP <b>To</b> 9273	Activity Descr ROTATE DRILL 130 TO 230, RO	FROM 8945 TARY 48. CHECK BOI	5' TO 9273'. 3 ?, WORK ALL	SAFETY	VALVES.	1, STROKES	119, PSI 2580,	DIFF PS
Activity Start 06:00 15:30	ev at Repor End 15:30 16:00	<b>Hrs</b> 9.5	WIPER T.  From  8945  0 9273	To 9273 0 9321	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O	FROM 8945 FARY 48. CHECK BOI FROM 9273 ND CONDIT W, WELL F	5' TO 9273'. 3 ?, WORK ALL 3' TO 9321'. 4 ION HOLE FO	SAFETY V 8'. REACH DR TRIP. G	VALVES. HED TD @ 18 FAS TO SURF	1, STROKES 300 HOURS, 1 FACE ON TH	119, PSI 2580, 10/12/2011. E LAST 15' OF	HOLE.
Activity Start 06:00 15:30 16:00	End 15:30 16:00 18:00	Hrs 9.5	WIPER T.  From  8945  0 9273  0 0	RIP 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO	FROM 894: IARY 48. CHECK BOI FROM 927: ND CONDIT W, WELL FO	5' TO 9273'. 3 P, WORK ALL 3' TO 9321'. 4 ION HOLE FO LOWING. RA	SAFETY V 8'. REACH DR TRIP. G ISE MUD V	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI	1, STROKES 300 HOURS, 1 FACE ON TH RM 11.4 PPG	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Activity Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	Hrs 9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO DRY PIPE SLUC	FROM 894: IARY 48. CHECK BOI FROM 927: ND CONDIT W, WELL F. G.	5' TO 9273'. 3 P, WORK ALL 3' TO 9321'. 4 ION HOLE FO LOWING. RA	SAFETY V 8'. REACH DR TRIP. G ISE MUD V	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI	1, STROKES 300 HOURS, 1 FACE ON TH RM 11.4 PPG	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Activity Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO DRY PIPE SLUC TOH. TIGHT HO	FROM 8945 FARY 48. CHECK BOI FROM 9275 ND CONDIT W, WELL FI G. DLE FROM 4	5' TO 9273'. 3 P, WORK ALL 3' TO 9321'. 4 ION HOLE FO LOWING. RA	SAFETY V 8'. REACH DR TRIP. G ISE MUD V	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI	1, STROKES 300 HOURS, 1 FACE ON TH RM 11.4 PPG	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Activity Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO DRY PIPE SLUC TOH. TIGHT HO MAKE UP BIT A	FROM 894: ITARY 48. CHECK BOIL FROM 927: ND CONDIT W, WELL FI G. DLE FROM 4 AND TIH.	5' TO 9273'. 3 P; WORK ALL 3' TO 9321'. 4 ION HOLE FO LOWING. RA 4680' TO 4610 NTS.	SAFETY V S'. REACH OR TRIP. G ISE MUD V	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI	1, STROKES 300 HOURS, 1 FACE ON TH RM 11.4 PPG	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Activity Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO DRY PIPE SLUC TOH. TIGHT HO MAKE UP BIT A	FROM 894: ITARY 48. CHECK BOI FROM 927: ND CONDIT W, WELL F. G. DLE FROM AND TIH. NO ACCIDE INGS – SER	5' TO 9273'. 3 2' WORK ALL 3' TO 9321'. 4 ION HOLE FO LOWING. RA 4680' TO 4610 INTS.	SAFETY V B'. REACH DR TRIP. G ISE MUD V I', JARED O D BHA.	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI DNE TIME. L	1, STROKES 300 HOURS, 1 FACE ON TH RM 11.4 PPG	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Activity Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO DRY PIPE SLUO TOH. TIGHT HO MAKE UP BIT A	FROM 894: IARY 48. CHECK BOI FROM 927: ND CONDIT W, WELL FI G. DLE FROM 4 AND TIH. NO ACCIDE INGS – SER – 11.6 PPG,	5' TO 9273'. 3 P; WORK ALL S' TO 9321'. 4 HON HOLE FOLOWING. RA 4680' TO 4610 ENTS. VICE RIG, L/ VIS – 40, LC	SAFETY V B'. REACH DR TRIP. G ISE MUD V I', JARED O D BHA.	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI DNE TIME. L	1, STROKES 300 HOURS, 1 FACE ON TH RM 11.4 PPG	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Activity Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Descr ROTATE DRILL 130 TO 230, RO' SERVICE RIG, O ROTATE DRILL CIRCULATE AN CHECKED FLO DRY PIPE SLUC TOH. TIGHT HO MAKE UP BIT A FULL CREWS, SAFETY MEET CURRENT MW	FROM 894: IARY 48. CHECK BOI FROM 9273 ND CONDIT W, WELL F. G. DLE FROM A AND TIH.  NO ACCIDE INGS – SER – 11.6 PPG, EL – 8000, U	5' TO 9273'. 3 P; WORK ALL S' TO 9321'. 4 ION HOLE FOLOWING. RA 4680' TO 4610 INTS. VICE RIG, L/ VIS – 40, LC JSED – 1254.	SAFETY V OR TRIP. G ISE MUD V O', JARED ( D BHA. OSSES 60 B	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOR ONE TIME. L	1, STROKES 600 HOURS, 1 FACE ON THI RM 11.4 PPG .AY DOWN E	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD
Start 06:00 15:30 16:00 18:00	r at Repor End 15:30 16:00 18:00 22:30	9.5 0.5 2.0 4.5	WIPER T.  From  8945  0  9273  0  0	RIP To 9273 0 9321 0	Activity Description of the control	FROM 894: ITARY 48. CHECK BOI FROM 927: ND CONDIT W, WELL F. G. AND TIH. NO ACCIDE INGS – SER – 11.6 PPG, EL – 8000, U SEGO. TD V	3' TO 9273'. 3 2' WORK ALL 3' TO 9321'. 4 ION HOLE FO LOWING. RA 4680' TO 4610 INTS. VICE RIG, L/ VIS – 40, LO JSED – 1254.	SAFETY V S'. REACH DR TRIP. G ISE MUD V S', JARED G D BHA. DSSES 60 B	VALVES. HED TD @ 18 HAS TO SURI WEIGHT FOI  ONE TIME. L  OBL +	1, STROKES 600 HOURS, 1 FACE ON THI RM 11.4 PPG .AY DOWN E	119, PSI 2580, 10/12/2011. E LAST 15' OF TO 11.6 PPG.	HOLE. BUILD

Page 10

DailyCo	osts: Drilli	ing	\$43,53	7	Con	npletion	\$97,322		Daily T	Total	\$140,859	
Cum C	osts: Drill	ing	\$798,4	04	Con	npletion	\$103,671		Well T	otal	\$902,075	
MD	9,32	21 <b>T</b>	VD	9,271	Progress	0	Days	8	MW	11.6	Visc	40.0
Format	ion :		]	<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	CEMENT	ING PROD	DUCTION CASI	ING						
Start	End	Hrs	From	To A	ctivity Descri	ption						
06:00	09:00	3.0	0 0	0 TI	IH. WIPER TRII	P FROM 23	865'. FILL PIPE	AT 2400'	AND 5700'.			
09:00	10:00	1.0	0 0	0 PI	CK UP KELLY,	BREAK C	CIRCULATION A	AND WAS	SH AND REAN	1 30' TO B	OTTOM.	
10:00	12:00	2.0	0 0	0 C	IRCULATE OU'	T GAS AN	D CONDITION	HOLE. 2	'TO 5' FLAIR.			
12:00	13:00	1.0		0 PI	RE JOB SAFET	Y MEETIN	IG. R/U WEATH	IERFORD	LAY DOWN	MACHINE		
13:00	19:00	6.0	0 0		AFETY MEETII RILL PIPE.	NG, PUMP	SLUG AND LE	DDP. STAI	ND BACK IN I	DERRICK I	BHA AND 12 S	TANDS OF
19:00	19:30	0	5 0	0 PU	ULL WEAR BU	SHING.						
19:30	20:00	0.:		0 H	OLD SAFETY I	MEETING	AND R/U WEA	THERFO	RD CASING C	REW.		
20:00	03:00	7.0	0 0	W C0 T0 43	'EATHERFORD OLLAR @ 9245 OTAL). TURBU 815'. P/U JT # 2	BLADED 5.31', 56 JT LIZERS O 19 AND RI	ATHERFORD. 1 DOWN JET FL S CSG, MJ @ 66 N FIRST 3 JTS, H TO 9305'. L/I T BLOCKS. R/I	OAT SHO 848.51', 6 BOW SPI D JT # 219	DE @ 9290.74', 3 JTS CSG, M. RING CENTRA	1 JT CSG, @ 4168.30 ALIZERS C	HALLIBURTO 0', 98 JTS CSG ON EVERY 3RI	N FLOAT (218 O JT TO
03:00	04:00	1.0	0 0	0 C	IRCULATE AN	D CONDIT	TON HOLE. 30'	TO 40' F	LARE FOR 35	MINUTES	THEN TAPPE	RED OFF.
				R	IG DOWN WEA	THERFOR	RD CASING AN	D LAY D	OWN MACHII	NE.		
04:00	04:30	0.:	5 0	0 SA	AFETY MEETII	NG W/HAI	LIBURTON CE	EMENTEI	RS. R/U LINES	TO FLOO	R.	
04:30	06:00	1	5 0	0 Cl	EMENT PRODU	JCTION C	ASING, DETAII	LS ON TO	OMORROWS R	EPORT.		
				FU	ULL CREWS, N	IO ACCIDI	ENTS.					
				SA	AFETY MEETII	NGS – L/D	DRILL PIPE, R	UN CASI	ING			
10-15-	2011	Repor	rted By	K	ERRY SALES							
DailyCo	osts: Drilli	ing	\$47,67	9	Con	npletion	\$67,094		Daily 7	Total	\$114,774	
Cum C	osts: Drill	ing	\$846,0	83	Con	npletion	\$170,765		Well T	otal	\$1,016,849	
MD	9,32	21 <b>T</b>	VD	9,271	Progress	0	Days	9	MW	0.0	Visc	0.0
Format	ion :		]	<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	WO COM	PLETION								
Start	End	Hrs	From	To A	ctivity Descri	ption						
06:00	07:00	1.0		0 TI BI EX W 26 CI	EST LINES TO BLS) HIGHBON XTENDACEM TTH 143.3 BBL 500 PSI. BUMP	5000 PSI. ND LEAD CEMENT S FRESH V PLUG W/3 RFACE. BI	PUMP 20 BBLS CEMENT @ 12. @ 13.5 PPG. W. WATER + .5 GA 6600 PSI. FLOA UMPED PLUG (	5 PPG. T ASH UP A L/1000 G. TS HELD @ 06:51 A	AIL IN WITH AND DROP LA AL MYACIDE 2 BBLS BACH	1355 SX (3 TCH DOW GA25 @ 8 K. GOOD L	349 BBLS.) 'N PLUG. DISI BPM, MAX PF JIFT PRESSUR	PLACED RESSURE E. NO
				В	ACK OF TO 300	70 I SI. IU L	HALLIBURIU					
							D ON 10/11/201		80 HOURS FOI	R CEMENT	T JOB ON 10/14	/2011.
07:00	08:00	1.0	0 0	Bl	LM AND STATI	E NOTIFIE		11 AT 18:3			Г <b>ЈОВ ON</b> 10/14	/2011.
07:00 08:00	08:00 08:30	1.0 0.:		0 W	LM AND STATI AIT ON CEME	E NOTIFIE NT. HOLD	D ON 10/11/201	11 AT 18:3 ASING. 1	000 PSI OVER		Г <b>ЈОВ ON</b> 10/14	/2011.

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

TRANSFER 7 JTS 4 1/2", 11.6#, N–80, LTC CSG (295.85' TOTAL) TO CWU 1499–25D.

TRANSFER 2 4 1/2", 11.6#, HC–P110, LTC MJ (40.27' TOTAL) TO CWU 1499–25D.

TRANSFER 8037 GALS FUEL @ \$3.79/GAL TO CWU 1499-25D.

09:00 0 RIG RELEASED AT 09:00 HRS, 10/14/2011.

CASING POINT COST \$845,414

11-22-2011	Reported	l By Si	EARLE							
DailyCosts: Drill	ling	\$0	•	Completion	\$19,500		Daily 7	<b>Fotal</b>	\$19,500	
Cum Costs: Dril	ling	\$846,083	•	Completion	\$190,265		Well T	otal	\$1,036,349	
<b>MD</b> 9,3	21 <b>TVD</b>	9,271	Progres	<b>s</b> 0	Days	10	MW	0.0	Visc	0.0
Formation: MES	SAVERDE	<b>PBTD</b> : 9	277.0		Perf:			PKR Dep	oth: 0.0	
Activity at Report Time: PREP FOR FRACS										

Start	End	Hrs	From To	Activity Description
06:00			0	0 MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9218' TO 50'. EST CENENT TOP
				@ 870'. RD CUTTERS WIRELINE.

DEPARTMENT OF NOTICES AND MENING  SUNDRY NOTICES AND REPORTS ON WELLS  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, anotherance design wells below current and proposals. The proposal proposa				
DIVISION OF OIL, GAS, AND MINING  STARS SESSIONATION AND SERIAL NUMBER:  ODIVIDEOS AND REPORTS ON WELLS  D. rock use this form for proposals to drill new wells, algorificantly deepen existing wills.  D. rock use this form for proposals to drill new wells, algorificantly deepen existing wills.  D. rock use this form for proposals to drill new wells, algorificantly deepen existing wills.  D. rock use this form for proposals to drill new wells, algorificantly deepen existing will be considered by the Content of Such proposals.  1. TYPE OF WELL  CAS Well  2. NAME OF PREATOR:  D. APPI NUMBER:  C. WELL AND AND HUMBER:  C. WELL AND AND HUMBER:  C. WELL AND AND HUMBER:  C. WILL ASS -20  3. ADDRESS OF OPERATOR:  D. APPI NUMBER:  D. APPI				FORM 9
Do not use this form for proposeds to drill new wells, significantly deepen existing wells below current botton-hole depth, reenter plugged wells, or to drill horbrontal laterals. Use APPLICATION FOR PERMIT TO CHARGE PRINT TO CHARGE WELL FOR THE PLUGGED PLUGGED PRINT TO CHARGE WELL FOR THE PLUGGED PRINT TO CHARGE WELL FOR WELL FOR WELL FOR THE PLUGGED PRINT TO CHARGE WELL FOR WELL FOR THE PLUGGED PRINT TO CHARGE WELL FOR WELL FOR THE PLUGGED PRINT TO CHARGE WELL FATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF MISSION ACTION TO WELL FOR THE PLUGGED PLUGGED PRINT TO CHARGE WELL FATUR CHARGE WELL F				
DOTATION FOR WELL  AND FOR PROPERTY WELLS  CHAPTION FOR WELL  AND FOR RESOURCES, Inc.  1. TYPE OF WELL  CHOCK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  CHAPTION OF WELL  CHAPTION OF WELL  CHAPTION OF WELL  CHAPTION OF WELL  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  CHAPTION OF WELL  CHAPTION OF MALE STATUS  CHAPTION OF WELL  CHAPTION	SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
CAN MED FOR PROTECTION:  2. NAME OF DEPARTOR:  5. NAME OF DEPARTOR	bottom-hole depth, reenter plu	igged wells, or to drill horizontal laterals.		
EGG Resources, Inc.    A30475101400000				
ALGORITON OF WELL   FOOTAGES AT SURFACE:   UNITAH   UNI				The state of the s
FOOTAGE AT SURFACE:  06.07 F.N. 1990 PIVI.  0707 (TR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  TYPE OF SUBMISSION  TYPE OF ACTION    ACTIDIZE				
OTRYCITE. SECTION, TOWNSHIP, RANGE, MERIDIAN: QTYCEY: NENW Section: 25 Township: 09.05 Range: 22.0E Mendian: 5  TYPE OF SUBMISSION  TYPE OF ACTION  TYPE OF ACTION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION    ACTICLE	FOOTAGES AT SURFACE:			
TYPE OF SUBMISSION  TYPE OF ACTION    ACIDIZE   ALTER CASING   CASING REPAIR	QTR/QTR, SECTION, TOWNSHI	•	: S	1.5
ACIDIZE	11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
NOTICE OF INTENT   Approximate date work will start:   CHANGE TO PREVIOUS PLANS   CHANGE TUBING   CHANGE WELL NAME   CHANGE WELL STATUS   COMMINGLE PRODUCING FORMATIONS   CONVERT WELL TYPE   Date of Work Completion:   DEEPEN   FRACTURE TREAT   NEW CONSTRUCTION   PLUG AND ABANDON   PLUG BACK     SPUD REPORT   Date of Spud:   REPERFORATE CURRENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON     DRILLING REPORT   WATER SHUTOFF   STATATUS EXTENSION   APD EXTENSION     DEFILLING REPORT   WATER SHUTOFF   STATATUS EXTENSION   APD EXTENSION     DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The referenced well was turned to sales on 12/30/11. Please see the attached operations summary report for drilling and completion operations performed on the subject well.  NAME (PLEASE PRINT)   PHONE NUMBER   TITLE     REQUIATORY ASSISTANT   RESUME   CHANGE TUBING	TYPE OF SUBMISSION		TYPE OF ACTION	
Nanettè Lupcho 435 781-9157 Regulatory Assistant  SIGNATURE DATE	Approximate date work will start:  SUBSEQUENT REPORT Date of Work Completion:  SPUD REPORT Date of Spud:  DRILLING REPORT Report Date: 12/30/2011  12. DESCRIBE PROPOSED OR CO	☐ CHANGE TO PREVIOUS PLANS ☐ CHANGE WELL STATUS ☐ DEEPEN ☐ OPERATOR CHANGE ✔ PRODUCTION START OR RESUME ☐ REPERFORATE CURRENT FORMATION ☐ TUBING REPAIR ☐ WATER SHUTOFF ☐ WILDCAT WELL DETERMINATION  OMPLETED OPERATIONS. Clearly show all pays turned to sales on 12/30, or report for drilling and completed.	CHANGE TUBING COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT PLUG AND ABANDON RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL VENT OR FLARE SI TA STATUS EXTENSION OTHER Sertinent details including dates, depths, /11. Please see the attached letion operations performed	CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  APD EXTENSION  OTHER:  Volumes, etc.  ed  Accepted by the  Utah Division of  il, Gas and Mining
SIGNATURE DATE				
	SIGNATURE	433 /01 /13/	DATE	

# WELL CHRONOLOGY REPORT

Report Generated On: 01-03-2012

Well Name	CWU 1498-25D	Well Type	DEVG	Division	DENVER				
Field	CHAPITA DEEP	API#	43-047-51014	Well Class	COMP				
County, State	UINTAH, UT	Spud Date	10-06-2011	Class Date	12-30-2011				
Tax Credit	N	TVD / MD	9,265/9,321	Property #	065607				
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0				
KB / GL Elev	5,054/ 5,035								
Location	Section 25, T9S, R22E, NENW, 607 FNL & 1990 FWL								

DRILL & COMPLETE

			P				
Operator	EOG RESOUR	CES, INC WI	% 100	0.0	NRI %	82.1	39
AFE No	310136	AF	E Total	1,562,100	DHC/C	CWC 7	50,000/ 812,100
Rig Contr	TRUE	Rig Name	TRUE #34	Start Date	03-30-2011	Release Date	2 10-14-2011
03-30-2010	Reported By	SHARO	N CAUDILL				
DailyCosts: D	rilling \$0		Completion	\$0	Daily	y Total \$	0
Cum Costs: D	rilling \$0		Completion	\$0	Well	Total \$	0
MD	0 <b>TVD</b>	0 Pro	ogress 0	Days	0 <b>MW</b>	0.0	7 <b>isc</b> 0.0
Formation:		<b>PBTD</b> : 0.0		Perf:		PKR Depth	: 0.0

Activity at Report Time: LOCATION DATA

1.0

**Event No** 

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 607' FNL & 1990' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

**Description** 

LAT 40.012600, LONG 109.390650 (NAD 83) LAT 40.012633, LONG 109.389969 (NAD 27)

PROPOSED BHL: 1040' FNL & 2373' FWL (NE/NW)

SECTION 25, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9321' MD / 9265' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-0285A

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

ELEVATION: 5035.9' NAT GL, 5035.2' PREP GL (DUE TO ROUNDING PREP GL IS 5035'), 5054' KB  $(19^\circ)$ 

MULTI PAD WELL: CWU 1498–25D, CWU 1499–25D D, CWU 1500–25D, CWU 1501–25D, CWU 1502–25D

### EOG WI 100%, NRI 82.139316%

		EOG WI	100%, NRI 82.1393	16%					
7-11-2011	Reported By	TERRY (	CSERE						
DailyCosts: Dril	ling \$0		Completion	\$0		Daily	Total	\$0	
Cum Costs: Dril	lling \$0		Completion	\$0		Well 7	<b>Fotal</b>	\$0	
MD	0 <b>TVD</b>	0 Pro	gress 0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Repo	ort Time: LOCAT	ION BUILD							
Start End	Hrs From	To Activity	Description						
06:00 06:00	24.0	0 0 BEGAN	CONSTRUCTION	OF LOCATIO	N 7/11/11.				
7-12-2011	Reported By	TERRY (	CSERE						
DailyCosts: Dril	ling \$0		Completion	\$0		Daily	Total	\$0	
Cum Costs: Dril	lling \$0		Completion	\$0		Well 7	<b>Fotal</b>	\$0	
MD	0 <b>TVD</b>	0 <b>Pro</b> 9	gress 0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0.0		Perf:			PKR De	<b>pth</b> : 0.0	
Activity at Repo	rt Time: LOCAT	ION BUILD							
Start End	Hrs From	To Activity	Description						
06:00 06:00	24.0	0 0 LOCATION	ON COMPLETE. S	TARTING CL	OSED LOOI	P.			
7-13-2011	Reported By	TERRY (	CSERE						
DailyCosts: Dril	ling \$0		Completion	\$0		Daily	Total	\$0	
Cum Costs: Dril	lling \$0		Completion	\$0		Well 7	<b>Fotal</b>	\$0	
MD 6	60 <b>TVD</b>	60 Prog	gress 0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0.0		Perf:		<b>PKR Depth</b> : 0.0			
activity at Repo	rt Time: LOCAT	TION BUILD							
Start End	Hrs From	To Activity	Description						
06:00 06:00	24.0	0 0 CLOSED	LOOP 10% COMP	LETE.					
7-14-2011	Reported By	GERALI	O ASHCRAFT						
DailyCosts: Dril	ling \$0		Completion	\$0		Daily	Total	\$0	
Cum Costs: Dril	lling \$0		Completion	\$0		Well T	<b>Fotal</b>	\$0	
MD 6	60 <b>TVD</b>	60 Prog	gress 0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Repo	rt Time: SPUD								
	Hrs From	To Activity	Description						
06:00 06:00		0 0 CRAIG'S	S BUCKET RIG SP T TO SURFACE WI			11 @ 08:00 A	AM, SET 60'	OF 14" COND	OUCTOR.
		0 0 CRAIG'S CEMEN		TH READY N	MIX.			OF 14" CONE	OUCTOI

06:00 0 CLOSED LOOP 20% COME	PLETE.					
77–15–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Tota	ıl	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		P	KR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Time: LOCATION BUILD						
Start End Hrs From To Activity Description						
06:00 06:00 24.0 0 0 CLOSED LOOP 50% COME	PLETE.					
07–18–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Tota	ıl	\$0	
<b>MD</b> 60 <b>TVD</b> 60 <b>Progress</b> 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		P	KR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Time: LOCATION BUILD						
Start End Hrs From To Activity Description						
06:00 06:00 24.0 0 0 CLOSED LOOP 60% COME	PLETE.					
07–19–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Tota		\$0	
MD 60 TVD 60 Progress 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		P	KR De <sub>l</sub>	<b>pth</b> : 0.0	
Activity at Report Time: BUILD LOCATION						
Start End Hrs From To Activity Description						
06:00 06:00 24.0 0 0 CLOSED 65% COMPLETE.						
07–20–2011 Reported By TERRY CSERE						
DailyCosts: Drilling \$0 Completion	\$0		Daily Tot	al	\$0	
Cum Costs: Drilling \$0 Completion	\$0		•		\$0	
Completion			Well Tota	•1		
Cum Costo 21mmg	Days	0	MW	0.0	Visc	0.0
MD 60 TVD 60 Progress 0	Days Perf :	0	MW	0.0	Visc oth: 0.0	0.0
MD 60 TVD 60 Progress 0	=	0	MW	0.0		0.0
MD 60 TVD 60 Progress 0  Formation: PBTD: 0.0  Activity at Report Time: LOCATION BUILD	=	0	MW	0.0		0.0
MD 60 TVD 60 Progress 0  Formation: PBTD: 0.0  Activity at Report Time: LOCATION BUILD	Perf:	0	MW	0.0		0.0
MD 60 TVD 60 Progress 0  Formation: PBTD: 0.0  Activity at Report Time: LOCATION BUILD  Start End Hrs From To Activity Description  06:00 06:00 24.0 0 0 CLOSED LOOP 70% COMP	Perf:	0	MW	0.0		0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE	Perf:	0	MW P	0.0 <b>KR De</b> j		0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion	Perf:	0	MW P	0.0 KR Dep	<b>pth:</b> 0.0	0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion           Cum Costs:         Drilling         \$0         Completion	Perf:  *DLETE.  \$0 \$0		MW P Daily Tot Well Tota	0.0 KR Dep	\$0 \$0	
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion           Cum Costs:         Drilling         \$0         Completion           MD         60         TVD         60         Progress         0	Perf:  \$0 \$0 Days	0	MW P Daily Tot Well Tota	0.0  KR Dep  al  0.0	\$0 \$0 <b>Visc</b>	0.0
MD         60         TVD         60         Progress         0           Formation:         PBTD: 0.0           Activity at Report Time:         LOCATION BUILD           Start         End         Hrs         From         To         Activity Description           06:00         06:00         24.0         0         0         CLOSED LOOP 70% COMP           07-21-2011         Reported By         TERRY CSERE           DailyCosts:         Drilling         \$0         Completion           Cum Costs:         Drilling         \$0         Completion	Perf:  *DLETE.  \$0 \$0		MW P Daily Tot Well Tota	0.0  KR Dep  al  0.0	\$0 \$0	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

				_	CLOSED LOOP	370 COIVII						
07-22-2	2011	Report	ted By		TERRY CSERE							
DailyCo	sts: Drilli	ng	\$52,331		Con	npletion	\$0		Daily	y Total	\$52,331	
Cum Co	osts: Drilli	ng	\$52,331		Con	npletion	\$0		Well	Total	\$52,331	
MD	60	TV	' <b>D</b>	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion :		P	BTD	: 0.0		Perf:			PKR De	<b>pth</b> : 0.0	
Activity	at Report	t Time:	BUILD LO	CATIO	ON							
Start	End	Hrs	From T	<b>O</b>	Activity Descri	ption						
06:00	06:00	24.0	0	0	LOCATION COM	IPLETE.						
09-04-2	2011	Report	ted By		KERRY SALES							
DailyCo	sts: Drilli	ng	\$18,414		Con	npletion	\$0		Daily	y Total	\$18,414	
Cum Co	osts: Drilli	ng	\$70,745	i	Con	npletion	\$0		Well	Total	\$70,745	
MD	583	TV	' <b>D</b>	581	Progress	283	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formati	ion :		P	BTD	: 0.0		Perf :			PKR De	<b>pth:</b> 0.0	
Activity	at Report	t Time:	DRILLING	i @ 58:	3'							
Start	End	Hrs	From T	<b>O</b>	Activity Descri	ption						
09:30	19:00	9.5	0	0	MIRU. RIG ON E	AY WORI	X AT 19:00 HC	URS ON 9	/3/2011.			
					ALL WELLS WE DIFFERENT GPS		RILLED 12 1/4	1" TO 300'.	CHECKED	SURFACE D	IRECTION WI	TH 2
19:00	23:00											
	23.00	4.0	0	0	PICK UP BHA AN MWD 63', SURV				.16, BEND	1.75*, BIT TC	BEND 7.07',	BIT TO
23:00	00:00	1.0				EY DEPTI	IS ARE 19' R	KB.		1.75*, BIT TC	BEND 7.07',	BIT TO
23:00 00:00			0	0	MWD 63', SURV	EY DEPTH , CHECK N .IDE DRIL	IS ARE 19'R MUD SYSTEN L FROM 300'	KB. 4 AND PUN TO 583'. 28	MPS. 83'. ROP 47,	WOB 8/12, R		
	00:00	1.0	0	0	MWD 63', SURV FILL THE HOLE ROTATE AND SI	EY DEPTH , CHECK N .IDE DRIL	IS ARE 19'R MUD SYSTEN L FROM 300'	KB. 4 AND PUN TO 583'. 28	MPS. 83'. ROP 47,	WOB 8/12, R		
	00:00	1.0	0	0	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS	EY DEPTH , CHECK M .IDE DRIL DE 49% A OR INCE	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47,	WOB 8/12, R		
	00:00	1.0	0	0	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETI	EY DEPTH , CHECK M LIDE DRIL DE 49% AL OR INCEI NGS: CEM	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47,	WOB 8/12, R		
00:00	00:00 06:00	1.0	0 300	0	MWD 63', SURV FILL THE HOLE ROTATE AND SL 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETII FUEL USED 590	EY DEPTH , CHECK M LIDE DRIL DE 49% AL OR INCEI NGS: CEM	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47,	WOB 8/12, R		
00:00	00:00 06:00	1.0 6.0	0 300	0	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETII FUEL USED 590 KERRY SALES	EY DEPTH , CHECK M , IDE DRIL DE 49% A OR INCEI NGS: CEM GALLONS	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47, ND 1.6 BELC	WOB 8/12, R DW.		
00:00 09-05-2	00:00 06:00 2011 osts: Drilli	1.0 6.0 Report	0 300 ted By \$23,147	583	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES Con	EY DEPTH , CHECK M LIDE DRIL DE 49% AN OR INCEI NGS: CEM GALLONS	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC S. \$0	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47, ND 1.6 BELC	WOB 8/12, R DW. y <b>Total</b>	OTARY 40, ST \$23,147	
00:00 09-05-2	00:00 06:00	1.0 6.0 Report	0 300	583	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES Con	EY DEPTH , CHECK M , IDE DRIL DE 49% A OR INCEI NGS: CEM GALLONS	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47, ND 1.6 BELC	WOB 8/12, R DW.	OTARY 40, ST	
00:00 09-05-2	00:00 06:00 2011 osts: Drilli	Reporting	0 300 ted By \$23,147 \$93,892	583	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES Con Con	EY DEPTH , CHECK M LIDE DRIL DE 49% AN OR INCEI NGS: CEM GALLONS	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC S. \$0	KB. 4 AND PUM TO 583'. 29 7' LEFT AI ORTED.	MPS. 83'. ROP 47, ND 1.6 BELC	WOB 8/12, R DW. y <b>Total</b>	OTARY 40, ST \$23,147	
00:00 09-05-2 Daily Co Cum Co	00:00 06:00 2011 osts: Drilli 0sts: Drilli	Reporting	0 300 ted By \$23,147 \$93,892	0 583	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI  FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES Con Con 7 Progress	EY DEPTH , CHECK M , IDE DRIL DE 49% AI OR INCEINGS: CEM GALLONS	AS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1  NDENTS REP ENTING, RIC S.  \$0 \$0	KB. 4 AND PUN TO 583'. 28 7' LEFT AI ORTED. G UP.	MPS. 83'. ROP 47, ND 1.6 BELC Daily Well	WOB 8/12, R DW. y Total Total	\$23,147 \$93,892 <b>Visc</b>	ROKES
00:00  09-05-2  Daily Co  Cum Co  MD  Formati	00:00 06:00 2011 osts: Drilli 1,54 ion :	Reporting ng	0 300 ted By \$23,147 \$93,892	0 583 1,52 PBTD	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI  FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES Con Con 7 Progress	EY DEPTH , CHECK M , IDE DRIL DE 49% AI OR INCEINGS: CEM GALLONS	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC S. \$0 \$0 Days	KB. 4 AND PUN TO 583'. 28 7' LEFT AI ORTED. G UP.	MPS. 83'. ROP 47, ND 1.6 BELC Daily Well	WOB 8/12, R DW. y Total Total	\$23,147 \$93,892 <b>Visc</b>	ROKES
00:00  09-05-2  DailyCo  Cum Co  MD  Formati  Activity	00:00 06:00 2011 osts: Drilli 1,54 ion :	Reporting ng	0 300 ted By \$23,147 \$93,892	0 583 1,52 PBTD C. HAU	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES Con 7 Progress : 0.0	EY DEPTH, CHECK M. IDE DRILL DE 49% AND OR INCEINGS: CEM GALLONS INPLETION 960	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1 NDENTS REP ENTING, RIC S. \$0 \$0 Days	KB. 4 AND PUN TO 583'. 28 7' LEFT AI ORTED. G UP.	MPS. 83'. ROP 47, ND 1.6 BELC Daily Well	WOB 8/12, R DW. y Total Total	\$23,147 \$93,892 <b>Visc</b>	ROKES
00:00  09-05-2  Daily Co  Cum Co  MD  Formati	00:00 06:00 2011 osts: Drilli 1,54 ion :	Reporting ng 3 TV	0 300 <b>ted By</b> \$23,147 \$93,892 <b>TD</b> FLOST CIRC	0 583 1,52 PBTD C. HAU	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI  FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES  Con 7 Progress : 0.0 ULING WATER.	EY DEPTH, CHECK M. IDE DRILL DE 49% AT OR INCEINGS: CEM GALLONS M. Pletion 960  ption  JIDE DRILL DE TRILL DE T	AS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1  NDENTS REP ENTING, RIC S.  \$0 \$0  Days Perf:	KB. 4 AND PUN TO 583'. 28 7' LEFT AI ORTED. 6 UP. 0	MPS. 83'. ROP 47, ND 1.6 BELC  Daily Well  MW	wOB 8/12, R DW. y Total Total 0.0 PKR Dep	\$23,147 \$93,892 <b>Visc</b> <b>pth:</b> 0.0	0.0
00:00  09-05-2  Daily Co  Cum Co  MD  Formati  Activity  Start	00:00 06:00 2011 osts: Drilli 1,54 ion : at Report	Reporting ng t Time: Hrs	0 300 ted By \$23,147 \$93,892 TD FLOST CIRC 583	0 583 1,52 PBTD C. HAU	MWD 63', SURV FILL THE HOLE ROTATE AND SI 134, PSI 600, SLI  FULL CREWS. NO ACCIDENTS SAFETY MEETI FUEL USED 590 KERRY SALES  Con Con 7 Progress : 0.0  JLING WATER.  Activity Descri ROTATE AND SI 134, PSI 1200, GH	EY DEPTH, CHECK M. IDE DRILL DE 49% AIDE DRILL DE DRILL PM 509, SL. IDE DRILL P, PUMP P	IS ARE 19' R MUD SYSTEM L FROM 300' ND ROT 51, 1  NDENTS REP ENTING, RIC S.  \$0 \$0  Days Perf:  L FROM 583' IDE 37% ANI L FROM 1160	KB. 4 AND PUM TO 583', 26 7' LEFT AI  ORTED. 6 UP.  0 TO 1160', 3 O ROT 63%	MPS. 83'. ROP 47, ND 1.6 BELC  Daily Well  MW  577'. ROP 48 , TFO 30 RIC	WOB 8/12, R DW.  y Total  Total  0.0  PKR Dep  1', WOB 10/12 GHT, 1.6' LEF	\$23,147 \$93,892 <b>Visc</b> <b>pth:</b> 0.0	0.0 STROKES BOVE THE

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

FULL CREWS.

NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: HIGH PSI LINES AND UNLOADING CASING.

FUEL USED 476 GALLONS.

					FUEL USED 476	GALLON	S					
09-06-	2011	Repor	ted By		KERRY SALES							
DailyCo	osts: Drill	ing	\$35,2	17	Con	npletion	\$0		Dail	y Total	\$35,217	
Cum C	osts: Drill	ing	\$129,	109	Con	npletion	\$0		Wel	l Total	\$129,109	
MD	2,25	54 <b>T</b>	VD	2,220	Progress	692	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	TOH. PR	EP TO RU	JN SURFACE CA	SING						
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	07:30	1.5	5 0	0	LOST CIRCULAT	ΓΙΟΝ. FIL	LING STORA	GE TANKS	AND MUD	PITS.		
07:30	18:00	10.5	5 1543		ROTATE AND SL 80, PUMP PSI 11:					*	,	*
					REGAINED 80%	+- CIRCU	JLATION. LC	OST APPROX	KIMATELY	2000 BARREI	LS.	
18:00	04:00	10.0	) 1930		ROTATE AND SL 80, STROKES 13: ABOVE THE LIN	2, PSI 1100				*	*	*
					WELL TD ON 9/6	5/2011 AT	04:00 AM. GI	L 2235', RKI	3 19' FOR T	RUE 34, 2254	,	
04:00	05:30	1.5	5 0	0	CIRCULATE BO	TTOMS U	Р.					
05:30	06:00	0.5	5 0	0	TRIP OUT OF HO	OLE.						
					FULL CREWS.							
					NO ACCIDENTS	OR INCE	NDENTS REI	PORTED.				
					SAFETY MEETII	NGS: WOF	RKING IN TH	IE RAIN AN	D DRILLIN	G PROCEDUI	RES.	
					FUEL USED 833	GALLON	S.					
					ALL DEPTHS AF	RE RKB FO	OR TRUE 34.	GL 2235', R	KB 2254'			
					TVD FOR THIS V	WELL –34	<b>'.</b>					
09-07-	2011	Repor	ted By		KERRY SALES							
DailyCo	osts: Drill	ing	\$108,	406	Con	npletion	\$0		Dail	y Total	\$108,406	
Cum C	osts: Drill	ing	\$237,	515	Con	npletion	\$0		Wel	l Total	\$237,515	
MD	2,25	54 <b>T</b>	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	WORT									
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	10:00	4.0	0	0	TOH AND LAY D	OOWN DIE	RECTIONAL	TOOLS.				
10:00	10:30	0.5	5 0	0	SET UP BHA WI	PER TRIP.						
10:30	15:30	5.0	0	0	TIH AND WASH	THE LAS	Γ 5 JOINTS T	О ВОТТОМ	ī.			
15.20	17.20	2.0	) 0	0	CIDCUL ATE HO	I E CI E A N	.T					

 $0\;$  CIRCULATE HOLE CLEAN.

0 TOH WITH WIPER RUN.

15:30

17:30

17:30

20:30

2.0

3.0

0

0

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

20:30	22:00	1.5	0	0 RIG UP TO RUN CASING.
22:00	01:30	3.5	0	0 RUN 54 JTS OF 9/5/8", K–55, 36#, STC SURFACE PIPE. RUN 2224.26' MD GL, TVD GL 2190'. RAN 10 CENTRALIZERS FROM GL 2203' TO 1938' AND TWO FROM 338' TO 295'. NO PROBLEMS RUNNING CASING. 19' RKB FOR TRUE 34 SHOE 2243.26' MD AND 2209' TVD. TD 2235' GL AND 2254' RKB. (TVD –34' FOR THIS WELL).
01:30	02:30	1.0	0	0 CIRCULATE CAPISITY OF CASING, LAY DOWN CIRCULATING SWEDGE.
02:30	03:00	0.5	0	0 RUN 200' OF 1" PIPE FOR TOP OUT JOB.
03:00	05:00	2.0	0	0 RDMO. SET UP TO CEMENT WITH HALLIBURTON.
				RIG RELEASED AT 05:00 AM ON 9/7/2011.
05:00	06:00	1.0	0	0 MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3450 PSI.PUMPED 180 BBLS, CASING CAPISITY WITH THE RIG. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 168 BBLS FRESH WATER. FCP 650 PSI, BUMPED PLUG W/1400 PSI @ 06:49 AM ON 09/7/2011 FLOATS HELD 1 BBL BACK. RETURNS THROUGH OUT SLURRY, 78 BARRELS LEAD TO SURFACE.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. GOOD RETURNS 5 BBL'S OF TOP OUT BACK. WAIT ON CEMENT 2 HOURS WHILE RIGGING DOWN. WELL STATIC.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E–MAIL OF THE SURFACE CASING & CEMENT JOB ON 09/6/2011 @ 06:00 PM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 09/6/2011 AT 06:00 PM. STATE AND BLM NOTIFIED ON 09/05/2011 @ 07:50 AM.

FULL CREWS.

NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETING: RUN CASING, CEMENTING.

TRANSFERRED: 6 JOINTS OF 9 5/8, K-55, 36#, STC TO WHITE RIVER PIPE YARD. 36.85', 37.22', 35.81', 34.94', 34.62', 41.92'. TOTAL PIPE 221.36'.

10-04-2011	-04-2011 Reported By silvCosts: Drilling \$24,622	PA	AT CLARK								
DailyCosts:	Drilling	\$24,6	622	Com	pletion	\$0		Daily	Total	\$24,622	
<b>Cum Costs:</b>	Drilling	\$262	.,137	Com	pletion	\$0		Well 7	Total (	\$262,137	
MD	2,254	TVD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
A otivity of D	onout Ti	mor DDMOI	oт								

Activity at Report Time: RDMORT

Start	End	Hrs	From To	Activity Description
14:00	06:00	16.0	0	0 RDMORT. PREPARE TO MOVE RIG @ 07:00 ON 10-04-11.

TRANSFER 5 JTS 4 1/2" N-80 11.6# LTC CSG (205.86' TOL) F/ NCW 304-28.

Well Name: CWU 1498-25D Field: CHAPITA DEEP Property: 065607

> $TRANSFER\ 3\ JTS\ 4\ 1/2"\ HCP-110\ 11.6\#\ LTC\ CSG\ (136.03'\ TOL)\ F/\ NCW\ 304-28.$ TRANSFER (2) 4 1/2" HCP-110 11.6# LTC MJ (39.65' TOL) F/ NCW 304-28.

				TRA	NSFER 2500 (	GALS FU	EL @ \$3.93/0	GAL F/ NCV	V 304–28.			
10-05-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ng	\$90,912		Com	pletion	\$0		Daily	Total	\$90,912	
Cum C	osts: Drill	ing	\$353,049	)	Com	pletion	\$0		Well '	<b>Total</b>	\$353,049	
MD	2,25	54 T	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion:		P	<b>BTD</b> : 0.0			Perf:			PKR De	<b>pth</b> : 0.0	
Activity	y at Repor	t Time:	RURT									
Start	End	Hrs	From To	o Acti	ivity Descrip	tion						
06:00	07:00	1.0	0 0	0 RDR	RT.							
07:00	19:00	12.0	0 0	CUT		I). 75% RI	G ON LOC,	40% RIGGE	D UP. SUB SI		DIRT WORK ( K ON FLOOR.	
19:00	06:00	11.0	0 0	0 WAI	T ON DAYLIC	ЭНТ.						
				SAF	L CREWS, NO ETY MEETIN L – 2500, USE	GS – RIG		W JONES, F	RIG CREW, M	T WEST, CO	G ELECTRIC.	
10-06-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ing	\$67,506		Com	pletion	\$0		Daily	Total	\$67,506	
Cum C	osts: Drill	ing	\$420,555	5	Com	pletion	\$0		Well '	<b>Total</b>	\$420,555	
MD	2,25	54 T	VD	2,220	Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion :		P	<b>BTD</b> : 0.0	J		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	PU DP							•		
Start	End	Hrs	From To	o Acti	ivity Descrip	tion						
06:00	22:00	16.0	0 0		1. RURT. CRAI U 1498–25D, F			ASED @ 09:	00, DERRICK	K RAISED @	10:00. WALK	RIG TO
22:00	23:00	1.0	0 0	0 N/U	BOP. RIG ACC	CEPTED (	@ 22:00.					
23:00	02:00	3.0	0 0	TES	T PIPE RAMS OWER KELLY NULAR PREVI	, BLIND I & INSII	RAMS, HCR. DE BOP 500	CHOKE LI ) PSI HIGH	NES, MANIF – 10 MINUTI	FOLD, KILL ES / 250 PSI	&C QUICK TE LINE VALVES LOW – 5 MIN. IMULATOR FU	S, UPPER TEST
				TES	T CASING TO	1500 PSI	/ 30 MIN. O	K.				
				BLM	1 & STATE NO	TIFIED 1	0-1-11 @ 10	0:30.				
02:00	02:30	0	5 0	0 INST	TALL WEAR F	BUSHING	ł.					
02:30	06:00	3.5	5 0	0 P/U	DIRECTIONA	L BHA A	ND SCRIBE	MM. P/U D	Р.			
				FUL	L CREWS, NO	) ACCIDE	ENTS.					
				SAF	ETY MEETIN	GS, RUR	Γ, TESTING	BOP, R/U Al	ND P/U BHA.			
				FUE	L – 10260, DE	L 7201, U	JSED – 456.					
10-07-	2011	Repor	rted By	PAT	CLARK							
DailyC	osts: Drilli	ng	\$53,310		Com	pletion	\$0		Daily	Total	\$53,310	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

MD 3,400 TVD 3,352 Progress 1,146 Days 1 MW 9.3 Visc 30.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING @ 3400'

Start	End	Hrs	From To		Activity Description
06:00	07:00	1.0	0	(	P/U DP. TAG CEMENT @ 2180'. R/D TRS.
07:00	08:00	1.0	0	(	TORQUE KELLY, INSTALL ROT RUBBER, CHECK F/LEAKS.
08:00	10:00	2.0	0	(	DRILL CEMENT & FLOAT EQUIPMENT, 10' NEW HOLE TO 2264'.
10:00	10:30	0.5	0	(	PERFORM FIT TO 141 PSI F/10.5 EMW.
10:30	16:30	6.0	0	(	ROTATE & SLIDE 2264' – 2679'. WOB 12–17K, RPM 57/68, SPP 1500 PSI, DP 200–300 PSI, ROP 69 FPH.
16:30	17:00	0.5	0	(	RIG SERVICE. CHECK COM.
17:00	06:00	13.0	0	(	) ROTATE & SLIDE 2679' – 3400'. WOB 20K, RPM 59/63, SPP 1500 PSI, DP 100–250 PSI, ROP 55 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - P/U DP, CONNECTIONS.

CURRENT MW - 9.4 PPG, VIS - 33 SPQ.

FUEL - 8778, USED - 1482.

FORMATION - MAHOGANEY OIL SHALE.

LAST 24 HOURS - ROTATE 93% ( 1088' @ 62 FPH), SLIDE - 7% (58' @ 48 FPH).

06:00 0 SPUD 7 7/8" HOLE @ 10:30 HRS, 10/6/11.

10-08-2011	Re	ported By	P	PAT CLARK							
DailyCosts: Dril	ling	\$42,6	02	Con	npletion	\$0		Daily	Total	\$42,602	
Cum Costs: Dril	lling	\$516,	468	Con	npletion	\$0		Well	Total	\$516,468	
<b>MD</b> 4,8	315	TVD	4,766	Progress	1,415	Days	2	MW	9.7	Visc	33.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 4815'

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	3400	3961	ROTATE & SLIDE 3400' – 3961'. WOB 21K, RPM 58/68, SPP 1650 PSI, DP 200 PSI, ROP 53 FPH.
16:30	17:00	0.5	0	0	RIG SERVICE. CHECK COM.
17:00	06:00	13.0	3961	4815	ROTATE & SLIDE 3961' – 4815'. WOB 21K, RPM 59/68, SPP 1800 PSI, DP 200–300 PSI, ROP 66 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - MUDDY CONDITIONS, HOUSEKEEPING.

CURRENT MW - 9.8 PPG, VIS - 33 SPQ.

FUEL - 7410, USED - 1368.

FORMATION – WASATCH @ 4658'.

LAST 24 HOURS - ROTATE 94% ( 1332' @ 61 FPH), SLIDE - 6% (83' @ 37 FPH).

10-09-2011	2-09-2011 Reported By ailyCosts: Drilling \$38,678			PAT CLARK							
DailyCosts: 1	Drilling	\$38,6	578	Con	npletion	\$0		Daily	Total	\$38,678	
Cum Costs:	Drilling	\$555	,147	Con	npletion	\$0		Well	Total	\$555,147	
MD	6,050	TVD	6,000	Progress	1,235	Days	3	MW	10.0	Visc	36.0
Formation:			PBTD:	0.0	Perf:			PKR Dep	oth: 0.0		

Activity at Report Time: DRILLING @ 6050'

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Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

Start	End	Hrs	From	To	<b>Activity Description</b>						
06:00	15:00	9.0	4815	5275	ROTATE & SLIDE 4815	' – 5275'. WOB 21	K, RPM 59/	63, SPP 200	0, DP 200–30	0 PSI, ROP 51	FPH.
15:00	15:30	0.5	0	0	RIG SERVICE. CHECK	COM, FUNCTION	N PIPE RAM	IS.			
15:30	06:00	14.5	5275	6050	ROTATE AND SLIDE 5	275' – 6050'. WOE	3 22K, RPM	55/68, SPP 2	2200 PSI, DP	250 PSI, ROP 5	3 FPH.
					FULL CREWS, NO ACC	CIDENTS.					
					SAFETY MEETINGS –	WINTERIZING, E	EMPTYING	CATCH TA	NK.		
					CURRENT MW - 10 PI	PG, VIS – 35 SPQ,	NO LOSSES	S.			
					FUEL - 5928, USED -	482.					
					FORMATION – BUCK	CANYON @ 5917	<b>'</b> .				
					LAST 24 HOURS – RO	TATE 97% ( 1201'	@ 53 FPH),	SLIDE – 3%	6 (34' @ 34 F)	PH).	
10-10-2	2011	Repor	ted By		PAT CLARK						
DailyCo	osts: Drill	ing	\$37,18	36	Completi	<b>on</b> \$0		Daily	y Total	\$37,186	
Cum Co	osts: Drill	ing	\$592,3	334	Completi	<b>on</b> \$0		Well	Total	\$592,334	
MD	7,10	)5 <b>TV</b>	<b>D</b>	7,055	Progress 1,0	Days	4	MW	10.1	Visc	36.0
Formati	ion :			PBTD	: 0.0	Perf:			PKR Dep	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	DRILLIN	G @ 710	)5'						
Start	End	Hrs	From	То	<b>Activity Description</b>						
06:00	16:30	10.5	6050	6493	ROTATE & SLIDE 6050	' – 6493'. WOB 22	K, RPM 50/	68, SPP 220	0 PSI, DP 200	)–300 PSI, ROP	42 FPH.
_	17:00										
16:30	17.00	0.5	0	0	RIG SERVICE. CHECK	COM.					
16:30 17:00	06:00	0.5			RIG SERVICE. CHECK ROTATE & SLIDE 6493 FULL CREWS, NO ACC SAFETY MEETINGS –	' – 7105'. SAME F CIDENTS.				OADS.	
					FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588',	LLAR COVI 2, NO LOSSI KMV PRICI	ERS, DRIVI ES. E RIVER @	ING SLICK R 6925'.		
17:00	06:00	13.0	6493		FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588',	LLAR COVI 2, NO LOSSI KMV PRICI	ERS, DRIVI ES. E RIVER @	ING SLICK R 6925'.		
17:00 10-11-2	06:00	Repor	6493 tted By	7105	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', FATE 96% ( 1016'	LLAR COVI 2, NO LOSSI KMV PRICI	ERS, DRIVI ES. E RIVER @ SLIDE – 4%	ING SLICK R 6925'. 6 (39' @ 33 Fl	PH).	
17:00 10-11-2 DailyCo	06:00	Reporting	6493	7105	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', EATE 96% ( 1016'	LLAR COVI 2, NO LOSSI KMV PRICI	ERS, DRIVI ES. E RIVER @ SLIDE – 4% <b>Daily</b>	ING SLICK R 6925'.		
17:00 10-11-2 DailyCo Cum Co	06:00 <b>2011</b> osts: Drill	Reporting ing	6493 <b>ted By</b> \$44,44 \$636,	7105	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO PAT CLARK Completi	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', FATE 96% ( 1016'	LLAR COVI 2, NO LOSSI KMV PRICI	ERS, DRIVI ES. E RIVER @ SLIDE – 4% <b>Daily</b>	ing SLICK R 6925'. 6 (39' @ 33 Fl y <b>Total</b>	PH). \$44,445	35.0
17:00  10-11-2  DailyCo  Cum Co	06:00  2011  osts: Drill 8,02	Reporting ing	6493 <b>ted By</b> \$44,44 \$636,77	7105	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO PAT CLARK  Completi Completi FORMER 92	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', FATE 96% ( 1016'	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH),	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Daily Well	ing SLICK R 6925'. 6 (39' @ 33 Fl y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
17:00  10–11–2  DailyCo Cum Co MD  Formati	06:00  2011  osts: Drill 8,02	Reporting ing	6493 ted By \$44,44 \$636,	7105 45 780 7,975 <b>PBTD</b>	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO PAT CLARK  Completi Completi 5 Progress 92	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', TATE 96% ( 1016'	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH),	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Daily Well	6925'. 6 (39' @ 33 Fl y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
17:00  10-11-2  DailyCo  Cum Co  MD  Formati  Activity	06:00  2011  osts: Drill  8,02  ion:	Reporting ing	6493 ted By \$44,44 \$636,	7105 7105 7105 7105 7105 7105 7105 7105	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO PAT CLARK  Completi Completi 5 Progress 92	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', TATE 96% ( 1016'	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH),	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Daily Well	6925'. 6 (39' @ 33 Fl y Total Total	PH). \$44,445 \$636,780 <b>Visc</b>	35.0
17:00  10-11-2  DailyCo  Cum Co  MD  Formati  Activity	2011  osts: Drill  8,02  ion:	Reporting ing 25 TV	6493  ted By \$44,44 \$636,7  DRILLIN From	7105 45 780 7,973 <b>PBTD</b> G @ 802 <b>To</b>	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO  PAT CLARK  Completi Completi 5 Progress 92 : 0.0 25	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', FATE 96% ( 1016' on \$0 on \$0 Days Perf:	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH),	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Daily Well MW	6925'. 6 (39' @ 33 Fl y Total Total 10.3 PKR Dep	\$44,445 \$636,780 <b>Visc</b> <b>pth</b> : 0.0	
17:00  10-11-2  DailyCo  Cum Co  MD  Formati  Activity	2011  costs: Drill 8,02  ion: v at Repor	Reporting ing transcript Time:	6493  ted By \$44,44 \$636,77  DRILLIN From 7105	7105 780 7,975 <b>PBTD</b> G @ 802 <b>To</b>	FULL CREWS, NO ACC SAFETY MEETINGS — CURRENT MW — 10.2 FUEL — 4446 USED — 1 FORMATION — NORTH LAST 24 HOURS — RO PAT CLARK  Completi Completi 5 Progress 92 : 0.0 25' Activity Description	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', TATE 96% ( 1016' On \$0 On \$0 Days Perf:	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH),	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Daily Well MW	6925'. 6 (39' @ 33 Fl y Total Total 10.3 PKR Dep	\$44,445 \$636,780 <b>Visc</b> <b>pth</b> : 0.0	
17:00  10-11-2  DailyCo  Cum Co  MD  Formati  Activity  Start  06:00	06:00  2011  osts: Drill  8,02  ion: 7 at Repor	Reporting ing t Time: Hrs 8.5	6493  ted By \$44,4 \$636,7  DRILLIN  From 7105 0	7105 7105 7105 7105 7105 7105 7105 7105	FULL CREWS, NO ACC SAFETY MEETINGS — CURRENT MW — 10.2 FUEL — 4446 USED — 1 FORMATION — NORTH LAST 24 HOURS — RO PAT CLARK  Completi Completi 5 Progress 92 : 0.0 25' Activity Description ROTATE & SLIDE 7105	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', FATE 96% ( 1016' on \$0 Days Perf:	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH), 5	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Well MW	6925'. 6 (39' @ 33 Fl y Total Total 10.3 PKR Dep	\$44,445 \$636,780 <b>Visc</b> <b>pth</b> : 0.0	
17:00  10-11-2  Daily Co  MD  Formati  Activity  Start  06:00  14:30	06:00  2011  osts: Drilli 8,02  ion: 7 at Repor  End 14:30 15:00	Reporting ing tTime: Hrs 8.5	6493  ted By \$44,4 \$636,7  DRILLIN  From 7105 0	7105 7105 7105 7105 7105 7105 7105 7105	FULL CREWS, NO ACC SAFETY MEETINGS – CURRENT MW – 10.2 FUEL – 4446 USED – 1 FORMATION – NORTH LAST 24 HOURS – RO PAT CLARK  Completi Completi 5 Progress 92 : 0.0 25' Activity Description ROTATE & SLIDE 7105 RIG SERVICE. CHECK	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', TATE 96% ( 1016' On \$0 On \$0 Days Perf: ' – 7464'. WOB 22 COM.	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH), 5	ERS, DRIVI ES. E RIVER @ SLIDE – 4% Well MW	6925'. 6 (39' @ 33 Fl y Total Total 10.3 PKR Dep	\$44,445 \$636,780 <b>Visc</b> <b>pth</b> : 0.0	
17:00  10-11-2  Daily Co  MD  Formati  Activity  Start  06:00  14:30	06:00  2011  osts: Drilli 8,02  ion: 7 at Repor  End 14:30 15:00	Reporting ing tTime: Hrs 8.5	6493  ted By \$44,4 \$636,7  DRILLIN  From 7105 0	7105 7105 7105 7105 7105 7105 7105 7105	FULL CREWS, NO ACC SAFETY MEETINGS — CURRENT MW — 10.2 FUEL — 4446 USED — 1 FORMATION — NORTH LAST 24 HOURS — RO PAT CLARK  Completi Completi 5 Progress 92 : 0.0 25' Activity Description ROTATE & SLIDE 7105 RIG SERVICE. CHECK ROTATE & SLIDE 7464	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', TATE 96% ( 1016' On \$0 O Days Perf: ' – 7464'. WOB 22 COM. ' – 8025'. SAME F	LLAR COVI ), NO LOSSI KMV PRICI @ 45 FPH), 5	ERS, DRIVI ES. E RIVER @ SLIDE – 4%  Daily Well  MW  68, SPP 230  RS, ROP 37	6925'. 6 (39' @ 33 Fl  7 Total 10.3 PKR Dep  10 PSI, DP 100  FPH.	\$44,445 \$636,780 <b>Visc</b> <b>pth</b> : 0.0	
17:00  10-11-2  Daily Co  MD  Formati  Activity  Start  06:00  14:30	06:00  2011  osts: Drilli 8,02  ion: 7 at Repor  End 14:30 15:00	Reporting ing tTime: Hrs 8.5	6493  ted By \$44,4 \$636,7  DRILLIN  From 7105 0	7105 7105 7105 7105 7105 7105 7105 7105	FULL CREWS, NO ACC SAFETY MEETINGS — CURRENT MW — 10.2 FUEL — 4446 USED — 1 FORMATION — NORTH LAST 24 HOURS — RO  PAT CLARK  Completi Completi 5 Progress 92 : 0.0 25' Activity Description ROTATE & SLIDE 7105 RIG SERVICE. CHECK ROTATE & SLIDE 7464  FULL CREWS, NO ACC	' – 7105'. SAME F CIDENTS. INSTALLING CE PPG, VIS – 37 SPC 482. I HORN @ 6588', TATE 96% ( 1016'  On \$0  O Days Perf:  ' – 7464'. WOB 22  COM. ' – 8025'. SAME F CIDENTS. WORKING NEAF	LLAR COVI 2, NO LOSSI KMV PRICI @ 45 FPH), 5 5 2K, RPM 54/ PARAMETE	ERS, DRIVI ES. E RIVER @ SLIDE – 4%  Daily Well  MW  68, SPP 230  RS, ROP 37	6925'. 6 (39' @ 33 Fl  7 Total 10.3 PKR Dep  10 PSI, DP 100  FPH.	\$44,445 \$636,780 <b>Visc</b> <b>pth</b> : 0.0	

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

#### FORMATION - KMV PRICE RIVER MIDDLE @ 7806'.

LAST 24 HOURS – ROTATE 96% (  $880^\circ$  @ 39 FPH), SLIDE – 4% (40 $^\circ$  @ 15 FPH).

					LAST 24 HOURS	S – ROTAT	E 96% ( 880' (	@ 39 FPH), S	SLIDE – 4%	(40' @ 15 FP	H).	
10-12-	2011	Repor	ted By		PAT CLARK							
DailyCo	osts: Drilli	ing	\$71,33	32	Cor	npletion	\$6,349		Daily	<b>Total</b>	\$77,681	
Cum C	osts: Drill	ing	\$708,	112	Cor	npletion	\$6,349		Well	Total	\$714,461	
MD	8,94	45 <b>T</b>	VD	8,89	5 Progress	920	Days	6	MW	10.8	Visc	36.0
Format	ion :			PBTD	: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 894	45'							
Start	End	Hrs	From	То	<b>Activity Descri</b>	ption						
06:00	16:30	10.5	5 8025	8459	ROTATE & SLID 41 FPH.	E 8025' – 8	8459'. WOB 20	0–23K, RPM	1 47-55/66-6	58, SPP 2450	PSI, DP 150-3	00 PSI, RO
16:30	17:00	0.5	5 0	0	RIG SERVICE. C	НЕСК СО	M.					
17:00	06:00	13.0	8459	8945	DRILL ROTATE	8459' – 894	45'. SAME PA	RAMETER	S, ROP 37 FI	PH. #2 PUMP	ON @ 8600'.	
					FULL CREWS, N			NG DIEG TO		ENANGE		
					SAFETY MEETI					ENANCE.		
					CURRENT MW - FUEL – 9804, DE			-	DES.			
					FORMATION – 1				7'.			
					LAST 24 HOURS					(15' @ 25 FP	Ή).	
10-13-	2011	Repor	ted By		PAT CLARK/KEI					`	,	
	osts: Drilli	•	\$46,75	54	Cor	npletion	\$0		Daily	<b>Total</b>	\$46,754	
-	osts: Drill	_	\$754,8			npletion	\$6,349		·	Total	\$761,215	
MD	9,32	_	VD	9,27		376	Days	7	MW	11.4	Visc	39.0
Format	ion :			PBTD	O		Perf:			PKR De	<b>pth</b> : 0.0	
Activity	at Repor	t Time:	WIPER T	RIP						•	•	
Start	End	Hrs	From	То	<b>Activity Descri</b>	ption						
06:00	15:30	9.5	5 8945	9273	ROTATE DRILL 130 TO 230, ROT		.5' TO 9273'. 3	319'. ROP 33	3.58', WOB 2	21, STROKES	119, PSI 2580	, DIFF PSI
15:30	16:00	0.5	5 0	0	SERVICE RIG, C	НЕСК ВО	P, WORK ALI	L SAFETY V	VALVES.			
16:00	18:00	2.0	9273		ROTATE DRILL							
18:00	22:30	4.5	5 0	0	CIRCULATE AN CHECKED FLOV DRY PIPE SLUG	W, WELL F						
22:30	04:30	6.0	0	0	TOH. TIGHT HO	LE FROM	4680' TO 461	0', JARED (	ONE TIME. I	AY DOWN I	DIRECTIONAL	TOOLS.
04:30	06:00	1.5	5 0	0	MAKE UP BIT A	ND TIH.						
					FULL CREWS, N							
					SAFETY MEETI				D.			
					CURRENT MW				BL +			
					FUEL – 8550, DE				10.00 IDC	02212		
					FORMATION – S					9321′.		
	•				LAST 24 HOURS	5 – KUIAI	E DKILL 11.3	пкэ э/о , і	NOP 32.1 .			
10–14–	2011	Repor	ted By		KERRY SALES							

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

DailyCo	osts: Drilli	ng	\$43,537		Com	pletion	\$97,322		Daily	<b>Total</b>	\$140,859	
-	osts: Drilli	_	\$798,404			pletion	\$103,671		-	Total	\$902,075	
MD	9,32	_	V <b>D</b>	9,271	Progress	0	Days	8	MW	11.6	Visc	40.0
Format	ion :		PI	BTD:	Ü		Perf :			PKR Der	oth: 0.0	
Activity	at Report	t Time:	CEMENTIN	G PRO	DUCTION CASIN	NG						
Start	End	Hrs	From To	) A	Activity Descrip	tion						
06:00	09:00	3.0	0	0 7	ГІН. WIPER TRIP	FROM 23	365'. FILL PIPE	E AT 2400'	AND 5700'.			
09:00	10:00	1.0	0	0 1	PICK UP KELLY, I	BREAK (	CIRCULATION	AND WAS	SH AND REA	AM 30' TO BO	OTTOM.	
10:00	12:00	2.0	0	0 0	CIRCULATE OUT	GAS AN	D CONDITION	HOLE. 2	'TO 5' FLAI	R.		
12:00	13:00	1.0	0	0 I	PRE JOB SAFETY	MEETIN	IG. R/U WEATI	HERFORD	LAY DOW	N MACHINE.		
13:00	19:00	6.0	0		SAFETY MEETIN DRILL PIPE.	G, PUMP	SLUG AND L	DDP. STAN	ND BACK IN	DERRICK E	BHA AND 12 ST	TANDS OF
19:00	19:30	0.5	0	0 I	PULL WEAR BUS	HING.						
19:30	20:00	0.5	0	0 I	HOLD SAFETY M	IEETING	AND R/U WEA	THERFO	RD CASING	CREW.		
20:00	03:00	7.0	0	\ ( 1	SAFETY MEETIN WEATHERFORD 1 COLLAR @ 9245 FOTAL). TURBUL 4315'. P/U JT # 219 HEAD W/69000# V	BLADED 31', 56 JT JZERS O 9 AND RI	DOWN JET FI S CSG, MJ @ 6 N FIRST 3 JTS H TO 9305'. L/	LOAT SHO 5848.51', 6 , BOW SPI D JT # 219	DE @ 9290.74 3 JTS CSG, I RING CENT	4', 1 JT CSG, MJ @ 4168.30 RALIZERS O	HALLIBURTO! )', 98 JTS CSG ( )N EVERY 3RD	N FLOAT (218 JT TO
03:00	04:00	1.0	0	0 0	CIRCULATE AND	CONDIT	TON HOLE. 30	' TO 40' F	LARE FOR 3	35 MINUTES	THEN TAPPER	RED OFF.
				I	RIG DOWN WEAT	THERFOR	RD CASING AN	ND LAY D	OWN MACH	IINE.		
04:00	04:30	0.5		0.5	SAFETY MEETIN	G W/HAI	LLIBURTON C	EMENTE	RS. R/U LINI	ES TO FLOOI	R.	
04:30	06:00	1.5	5 0	0 (	CEMENT PRODU	CTION C	ASING, DETAI	ILS ON TO	OMORROWS	REPORT.		
				I	FULL CREWS, NO	O ACCIDI	ENTS.					
					SAFETY MEETIN	GS – L/D	DRILL PIPE, I	RUN CASI	NG			
10-15-	2011	Repor	ted By	I	KERRY SALES							
DailyCo	osts: Drilli	ng	\$47,679		Com	pletion	\$67,094		Daily	Total	\$114,774	
Cum C	osts: Drilli	ng	\$846,083		Com	pletion	\$170,765		Well	Total	\$1,016,849	
MD	9,32	1 <b>TV</b>	V <b>D</b>	9,271	Progress	0	Days	9	MW	0.0	Visc	0.0
Format	ion :		PI	BTD:	0.0		Perf:			PKR Dep	<b>pth:</b> 0.0	
Activity	at Report	t Time:	WO COMPL	ETION	N							
Start	End	Hrs	From To	) A	Activity Descrip	tion						
06:00	07:00	1.0	0	I I V 2 (	TEST LINES TO 5 BBLS) HIGHBON EXTENDACEM C WITH 143.3 BBLS 2600 PSI. BUMP P CEMENT TO SUR BACK UP TO 3600 BLM AND STATE	D LEAD ( CEMENT FRESH V LUG W/3 FACE. BI ) PSI. R/D	CEMENT @ 12 @ 13.5 PPG. W WATER + .5 GA 6600 PSI. FLOA JMPED PLUG D HALLIBURTO	2.5 PPG. T. VASH UP A L/1000 G. ATS HELD @ 06:51 A DN.	AIL IN WITI AND DROP I AL MYACID 2 BBLS BA M ON 10/14	H 1355 SX (3 LATCH DOW E GA25 @ 8 CK. GOOD L /2011. PUMP	49 BBLS.) N PLUG. DISP BPM, MAX PR IFT PRESSURE ED CASING PF	LACED ESSURE E. NO RESSURE

 $0\,$  SET PACK OFF AND TEST TEST SEAL TO 5,000 PSI.

0 WAIT ON CEMENT. HOLD 3600 PSI ON CASING. 1000 PSI OVER FCP.

0 NIPPLE DOWN BOP AND CLEAN MUD TANKS. SKID RIG TO CWU 1499–25D.

07:00

08:00

08:30

08:00

08:30

09:00

1.0

0.5

0.5

0

0

0

Well Name: CWU 1498-25D Field: CHAPITA DEEP Property: 065607

> TRANSFER 7 JTS 4 1/2", 11.6#, N-80, LTC CSG (295.85' TOTAL) TO CWU 1499-25D. TRANSFER 2 4 1/2", 11.6#, HC-P110, LTC MJ (40.27' TOTAL) TO CWU 1499-25D. TRANSFER 8037 GALS FUEL @ \$3.79/GAL TO CWU 1499-25D.

09:00 0 0 RIG RELEASED AT 09:00 HRS, 10/14/2011.

CASING POINT COST \$845,414

11-22-2011	Re	eported By	S	EARLE							
DailyCosts: D	rilling	\$0		Con	npletion	\$19,500		Daily	Total	\$19,500	
Cum Costs: I	rilling	\$84	6,083	Con	npletion	\$190,265		Well '	Total	\$1,036,349	
MD	9,321	TVD	9,271	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation : N	MESAVE	RDE	<b>PBTD</b> : 9	9277.0		Perf:			PKR Dep	oth: 0.0	

**Activity at Report Time: PREP FOR FRACS** 

Start	End	Hrs	From To	Activity Description	

0 MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9218' TO 50'. EST CENENT TOP 06:00 0 @ 870'. RD CUTTERS WIRELINE.

12-16-2011	Re	eported By	M	ICCURDY							
DailyCosts: I	Drilling	\$0		Com	pletion	\$775		Daily	Total	\$775	
Cum Costs: 1	Drilling	\$846	,083	Com	pletion	\$191,040		Well 7	Total	\$1,037,124	
MD	9,321	TVD	9,271	Progress	0	Days	11	MW	0.0	Visc	0.0
			-						D		

**Formation:** MESAVERDE **PBTD**: 9277.0 **Perf**: 7981'-8939' PKR Depth: 0.0

Activity at Report Time: PERF STAGE 6 THROUGH 9, SET CBP, RDMO

From To Start Hrs **Activity Description** 06:00 06:00 0 0 FRAC TANKS PRE MIXED W/ BIOCIDE (BE 6) @ 3# PER TANK. 24.0

> STAGE 1. MIRU CUTTERS WIRELINE & MIRU HALLIBURTON, PERFORATE LPR FROM 8938'-39', 8947'-48', 8955'-56', 8963'-64', 9003'-04', 9021'-22', 9036'-37', 9049'-50', 9058'-59', 9072'-73', 9093'-94', 9116'-17'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 766 GAL 16# LINEAR PAD, 8590 GAL 16# LINEAR W/10100# 20/40 SAND @ 1-1.5 PPG, 38949 GAL 16# DELTA 200 W/134500# 20/40 SAND @ 2-5 PPG. MTP 5877 PSIG. MTR 50.9 BPM. ATP 4417 PSIG. ATR 48.8 BPM. ISIP 3076 PSIG. RD HALLIBURTON.

STAGE 2. RUWL. SET 6K CFP AT 8922'. PERFORATE LPR FROM 8682'-83', 8700'-01', 8709'-10', 8723'-24', 8750'-51', 8775'-76', 8800'-01', 8823'-24', 8836'-37', 8852'-53', 8891'-92', 8907'-08'@ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 546 GAL 16# LINEAR PAD, 7372 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 41953 GAL 16# DELTA 200 W/142700# 20/40 SAND @ 2-5 PPG. MTP 5347 PSIG. MTR 50.7 BPM. ATP 3891 PSIG. ATR 49.8 BPM. ISIP 2525 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 8654'. PERFORATE MPR FROM 8431'-32', 8459'-60', 8470'-71', 8477'-78', 8488'-89', 8508'-09', 8551'-52', 8568'-69', 8595'-96', 8613'-14', 8623'-24', 8637'-38' @ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 174 GAL 16# LINEAR PAD, 8375 GAL 16# LINEAR W/3800# 20/40 SAND @ 1-1.5 PPG,  $45794~\mathrm{GAL}~16$ # DELTA  $200~\mathrm{W}/160600$ #  $20/40~\mathrm{SAND}$  @  $2-5~\mathrm{PPG}$ . MTP  $5617~\mathrm{PSIG}$ . MTR  $50.6~\mathrm{BPM}$ . ATP 4161 PSIG. ATR 49.4 BPM. ISIP 3853 PSIG. RD HALLIBURTON.

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

STAGE 4. RUWL. SET 6K CFP AT 8405'. PERFORATE MPR FROM 8182'-83', 8191'-92', 8206'-07', 8255'-56', 8267'-68', 8282'-83', 8300'-01', 8307'-08', 8323'-24', 8336'-37', 8348'-49', 8387'-88'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 1360 GAL 16# LINEAR PAD, 7414 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 39393 GAL 16# DELTA 200 W/136000# 20/40 SAND @ 2-5 PPG. MTP 5119 PSIG. MTR 50.9 BPM. ATP 4075 PSIG. ATR 50.4 BPM. ISIP 2939 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8167'. PERFORATE MPR FROM 7981'-82', 7992'-93', 8007'-08', 8018'-19', 8032'-33', 8051'-52', 8076'-77', 8096'-97', 8107'-08', 8120'-21', 8136'-37', 8147'-48'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 194 GAL 16# LINEAR PAD, 7489 GAL 16# LINEAR W/9700# 20/40 SAND @ 1-1.5 PPG, 49645 GAL 16# DELTA 200 W/169200# 20/40 SAND @ 2-5 PPG. MTP 4450 PSIG. MTR 50.7 BPM. ATP 3653 PSIG. ATR 50.5 BPM. ISIP 2456 PSIG. RD HALLIBURTON, SWIFN.

12-17-2011	Re	eported By	y N	MCCURDY							
DailyCosts: I	Prilling	\$0		Com	pletion	\$398,331		Daily	Total	\$398,331	
Cum Costs: I	Orilling	\$84	46,083	Com	pletion	\$589,372		Well	Total	\$1,435,456	
MD	9,321	TVD	9,271	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation : 1	MESAVE	RDE	PBTD:	9277.0		<b>Perf</b> : 6969'-	8939'		PKR Dep	oth: 0.0	

Activity at Report Time: PREP FOR POST FRAC CLEAN OUT

# Start End Hrs From To Activity Description 06:00 06:00 24.0 0 0 STAGE 6. SICP 1676 PSI

0 STAGE 6. SICP 1676 PSIG. RUWL. SET 6K CFP AT 7946'. PERFORATE UPR/MPR FROM 7701'-02', 7722'-23', 7735'-36', 7762'-63', 7777'-78', 7787'-88', 7830'-31', 7864'-65', 7875'-76', 7893'-94', 7913'-14', 7932'-33' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 343 GAL 16# LINEAR PAD, 7449 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 40043 GAL 16# DELTA 200 W/137400# 20/40 SAND @ 2-5 PPG. MTP 5374 PSIG. MTR 50.5 BPM. ATP 3897 PSIG. ATR 49.3 BPM. ISIP 2599 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 7690'. PERFORATE UPR FROM 7460'-61', 7470'-71', 7500'-01', 7510'-11', 7524'-25', 7546'-47', 7561'-62', 7586'-87', 7619'-20', 7632'-33', 7652'-53', 7675'-76' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 273 GAL 16# LINEAR PAD, 7380 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 24861 GAL 16# DELTA 200 W/74400# 20/40 SAND @ 2-5 PPG. MTP 5137 PSIG. MTR 50.5 BPM. ATP 4176 PSIG. ATR 48.9 BPM. ISIP 2447 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 7449'. PERFORATE UPR FROM 7267'-68', 7273'-74', 7281'-82', 7287'-88', 7292'-93', 7311'-12', 7340'-41', 7352'-53', 7360'-61', 7397'-98', 7406'-07', 7429'-30'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 @ 2GPT), 408 GAL 16# LINEAR PAD, 7389 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 19295 GAL 16# DELTA 200 W/61500# 20/40 SAND @ 2-5 PPG. MTP 5314 PSIG. MTR 50.9 BPM. ATP 4010 PSIG. ATR 48.9 BPM. ISIP 2302 PSIG. RD HALLIBURTON.

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

STAGE 9. RUWL. SET 6K CFP AT 7256'. PERFORATE UPR FROM 6969'-70', 6993'-94', 7016'-17', 7039'-40', 7061'-62', 7080'-81', 7098'-99', 7149'-50', 7188'-89', 7216'-17', 7234'-35', 7242'-43' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO BIOCIDE, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCIDE (BACKTRON K31 G @ 2GPT), 766 GAL 16# LINEAR PAD, 7695 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 54321 GAL 16# DELTA 200 W/199200# 20/40 SAND @ 2-5 PPG. MTP 4441 PSIG. MTR 50.5 BPM. ATP 3525 PSIG. ATR 50.2 BPM. ISIP 1972 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 6900'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

			TALLID	JRTON SERVICES	o. SDFN.					
12-30-2011	Repo	rted By	POWELL							
DailyCosts: I	rilling	\$0		Completion	\$9,223		Daily	Total	\$9,223	
Cum Costs: 1	rilling	\$846,08	3	Completion	\$598,595		Well	<b>Fotal</b>	\$1,444,679	
MD	9,321 <b>T</b>	'VD	9,271 <b>Prog</b>	gress 0	Days	13	MW	0.0	Visc	0.0
Formation:	MESAVERD	E P	<b>PBTD</b> : 9277.0		<b>Perf</b> : 6969'-	-8939'		PKR Dep	<b>pth:</b> 0.0	
Activity at R	port Time	: POST FRA	C CLEAN OUT							
Start End	Hrs	From T	To Activity	Description						
07:00 17	00 10.	.0 0		. ND FRAC TREE. UT PLUGS. SDFN		W/BIT &	PUMP OFF	SUB. TAGGI	ED CBP @ 690	O'. RU TO
12-31-2011	Repo	rted By	POWELL	,						
DailyCosts: I	rilling	\$0		Completion	\$11,343		Daily	Total	\$11,343	
Cum Costs: I	rilling	\$846,08	3	Completion	\$609,938		Well '	<b>Total</b>	\$1,456,022	
MD	9,321 <b>T</b>	<b>VD</b>	9,271 <b>Prog</b>	gress 0	Days	14	MW	0.0	Visc	0.0
Formation:	MESAVERD	E P	<b>PBTD</b> : 9277.0		<b>Perf</b> : 6969'-	-8939'		PKR Dep	oth: 0.0	
Activity at R	port Time	: FLOW TES	ST TO SALES							
Start End	Hrs	From T	To Activity	Description						
07:00 19	00 12.	.0 0	0 CLEANE 8922'.	D OUT & DRILLE	D OUT PLUGS	@ 6900'	, 7256', 7449'	, 7690', 7946	5', 8167', 8405'	, 8654', &
				EANED OUT TO PI OFF BIT & SUB.		ANDED	ГВG @ 7692.	58' KB. ND	BOPE. NU TRI	EE.
				O THROUGH TEST ECOVERED 391 BI					) PSIG. CP 1150	) PSIG. 42
			TUBING	DETAIL LENGT	Ή					
			PUMP OF	FF SUB 1.30'						
			1 JT 2-3/8	8" 4.7# L-80 TBG	32.53'					
			XN NIPP	LE 1.10'						
				2–3/8" 4.7# L–80 T	BG 7645.65'					
				KB 12.00'						
			LANDED	0 @ 7692.58' KB						
19:00		0	TO QUES	PRODUCTION. OI STAR SALES AT 21 ESTAR METER 878	1:00 HRS, 12/30	/11. FLOV				

Well Name: CWU 1498–25D Field: CHAPITA DEEP Property: 065607

01-01-	2012	Report	ted By	S	SEARLE							
DailyC	osts: Drilli	ng	\$0		(	Completion	\$2,535		Daily	Total	\$2,535	
Cum C	osts: Drill	ing	\$846,	083	(	Completion	\$612,473		Well	<b>Fotal</b>	\$1,458,557	
MD	9,32	21 <b>TV</b>	'D	9,271	Progress	<b>s</b> 0	Days	15	MW	0.0	Visc	0.0
Format	tion: MES.	AVERDE		PBTD:	9277.0		<b>Perf</b> : 6969'-	8939'		PKR Dep	oth: 0.0	
Activity	y at Repor	t Time:	FLOW T	EST TO S.	ALES							
Start	End	Hrs	From	To A	Activity Des	cription						
06:00			0				UNIT TO SALI LW. 10057 BLW			OKE. FTP 80	00 PSIG. CP 900	PSIG. 42
01-02-	-2012	Report	ted By	S	SEARLE							
DailyC	osts: Drilli	ing	\$0		(	Completion	\$2,535		Daily	Total	\$2,535	
Cum C	osts: Drill	ing	\$846,	083	(	Completion	\$615,008		Well	<b>Total</b>	\$1,461,092	
MD	9,32	21 <b>TV</b>	' <b>D</b>	9,271	Progress	<b>s</b> 0	Days	16	MW	0.0	Visc	0.0
Format	tion: MES.	AVERDE		PBTD:	9277.0		<b>Perf</b> : 6969'-	8939'		PKR Der	oth: 0.0	
										-		
Activity	y at Repor			EST TO S.	ALES					-		
Activity Start					ALES Activity Des	scription				-		
-	y at Repor	t Time:	FLOW T	<b>To</b> 0.1	Activity Des	ROUGH TEST	UNIT TO SALI .W. 9360 BLWT			OKE. FTP 77		0 PSIG. 29
Start	y at Repor End	t Time:	FLOW T From 0	To 2	Activity Des	ROUGH TEST				OKE. FTP 77		0 PSIG. 29
Start 06:00 01-03-	y at Repor End	Hrs Report	FLOW T From 0	To 2	Activity Des FLOWED THI BFPH. RECO' SEARLE	ROUGH TEST						0 PSIG. 29
Start 06:00  01-03-  Daily Co	y at Repor End	Hrs Report	FLOW T From 0 ted By	To 2	Activity Des FLOWED THI BFPH. RECO SEARLE	ROUGH TEST VERED 696 BI	LW. 9360 BLWT		ICFD RATE.	Total	'5 PSIG. CP 180	0 PSIG. 29
Start 06:00  01-03-  Daily Co	y at Repor End  2012 osts: Drilli	Hrs  Reporting	FLOW T From 0 ted By \$0 \$846,	To 2	Activity Des FLOWED THI BFPH. RECO SEARLE	ROUGH TEST VERED 696 BI Completion Completion	\$2,535		ICFD RATE.  Daily	Total	\$2,535	0 PSIG. 29
Start 06:00  01-03-  Daily Com	y at Repor End  2012 osts: Drilli	t Time: Hrs  Reporting ing	FLOW T From 0 ted By \$0 \$846,	To 2 0 1 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Activity Des FLOWED THI BFPH. RECO' SEARLE ( ( Progress	ROUGH TEST VERED 696 BI Completion Completion	\$2,535 \$617,543	R. 842 M	CFD RATE.  Daily  Well T	Total Fotal	\$2,535 \$1,463,627 <b>Visc</b>	
Start 06:00  01-03-  Daily Com	y at Repor End  2012 osts: Drilli osts: Drilli 9,32	Reporting	FLOW T  From  0  ted By  \$0  \$846,	To 0 1 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Activity Des FLOWED THI BFPH. RECO' SEARLE ( Progress 9277.0	ROUGH TEST VERED 696 BI Completion Completion	\$2,535 \$617,543 <b>Days</b>	R. 842 M	CFD RATE.  Daily  Well T	Total Fotal 0.0	\$2,535 \$1,463,627 <b>Visc</b>	
Start 06:00  01-03-  Daily Com	y at Repor End  2012  osts: Drilli osts: Drilli 9,32  tion: MES.	Reporting	FLOW T  From  0  ted By  \$0  \$846,	To 2 0 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Activity Des FLOWED THI BFPH. RECO' SEARLE ( Progress 9277.0	ROUGH TEST VERED 696 BI Completion Completion S 0	\$2,535 \$617,543 <b>Days</b>	R. 842 M	CFD RATE.  Daily  Well T	Total Fotal 0.0	\$2,535 \$1,463,627 <b>Visc</b>	

Form 3160-4 (August

# INITED CTATEC

FORM APPROXIED

(August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT										OMB No. 1004-0137 Expires: July 31, 2010			
	WELL COM	PLETION OR	REC	OMPLE	TION F	REPOR	T AND L	.OG			ease Serial N JTU0285A	0.	
la. Type	_	_	_	•	Other					6. If	Indian, Allo	ttee or	Tribe Name
b. Type		New Well  Other	] Work (	Over [	] Deepen	. PI	ug Back	☐ Diff.	Resvr.	7. Unit or CA Agreement Name and No. CHAPITA WELLS UNI			
EOG	of Operator RESOURCES, INC			ette_lupc	t: NANE ho@eog	TTE H LU resources	JPCHO s.com				ease Name as CWU 1498-2		ll No.
	SS 600 SEVENTER DENVER, CO	80202			P	h: 435-7		e area code	e)	9. A	PI Well No.		43-047-51014
	on of Well (Report lo					-	ts)*				Field and Poo IATURAL B		
	At surface NENW 607FNL 1990FWL 40.012600 N Lat, 109.390650 W Lon  At top prod interval reported below NENW 1040FNL 2373FWL 40.011416 N Lat, 109.389279 W Lon  11. Sec., T., R., M., or Block and Survey or Area Sec 25 T9S R22E Mer SLB												
At tota	At total depth NENW 1040FNL 2373FWL 40.011416 N Lat, 109.389279 W Lon  NENW 1040FNL 2373FWL 40.011416 N Lat, 109.389279 W Lon  12. County or Parish UINTAH  13. State UINTAH  UINTAH												
07/13	14. Date Spudded 07/13/2011												
18. Total	TVI			9. Plug Ba		MD TVD	9437 -92	.77 . <del>15</del>	20. Dep	th Bri	dge Plug Set		MD VD
CBL/0	Electric & Other Med CCL/VDL/GR			• • • • • • • • • • • • • • • • • • • •	ach)			Was	well cored DST run? ctional Sur		⊠ No Γ	] Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing	and Liner Record (R	eport all strings se	t in well)	)					_				
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Botto (MI		ge Cemente Depth		of Sks. & of Cement	Slurry (BB)		Cement To	ор*	Amount Pulled
12.25	0 9.625 K-	55 36.0		2	243			65	0			0	
7.87	5 4.500 N-	80 11.6		9	291			182	5			870	
				+			<del>                                     </del>	<u>.                                    </u>				$\dashv$	
24. Tubin	g Record						<u> </u>						
Size	Depth Set (MD)	Packer Depth (M	(D)	Size	Depth Set	(MD)	Packer Der	oth (MD)	Size	T <sub>D</sub> .		<u> </u>	) l D . d . (1/D)
2.375	7693	Tacker Depth (M	)	Size	ocpui sei	(IVID)	1 acker De	our (IVID)	Size	100	pth Set (MD	<del>/                                     </del>	Packer Depth (MD)
25. Produc	cing Intervals		•		26. Perfe	oration Red	cord						
	Formation	Тор	F	Bottom		Perforate	d Interval		Size	1	No. Holes		Perf. Status
<u>A)</u>	MESAVERDE	69	969	9117			8938 T	O 9117			36	OPEN	
<u>B)</u>							8682 T	O 8908			36	OPEN	
C)													

				20. I citoration record			
	Formation	Тор	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	6969	9117	8938 TO 9117		36	OPEN
<u>B)</u>				8682 TO 8908		36	OPEN
<u>C)</u>				8431 TO 8638		36	OPEN
D)				8182 TO 8388		36	OPEN
27. Acid	l, Fracture, Treatment, C	ement Squeeze, Etc.				•	·

Depth Interval Amount and Type of Material 8938 TO 9117 1,156 BBLS OF GELLED WATER & 144,600# 20/40 SAND 8682 TO 8908 1,193 BBLS OF GELLED WATER & 152,200# 20/40 SAND 8431 TO 8638 1,300 BBLS OF GELLED WATER & 164,400# 20/40 SAND 8182 TO 8388 1,152 BBLS OF GELLED WATER & 145,500# 20/40 SAND 28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/30/2011	01/08/2012	24		15.0	634.0	314.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 500	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI	1575.0		15	634	314		PGW	
28a. Produ	ction - Interva	al B							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke									EED n i 2012
	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water BBL	Gas:Oil Ratio	Well Status	I LD U   ZUIZ

28h Pro	duction - Interv	zal C										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		, <del></del> .
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravi	ity	1 roduction Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			
28c. Proc	duction - Interv	al D					_1	L_				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi	ity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			
29. Dispo	osition of Gas(	Sold, used	d for fuel, vent	ed, etc.)	-1		<del></del>	<b>1</b>				
Show tests,	mary of Porous v all important including depi recoveries.	zones of	porosity and c	ontents there	eof: Cored i	intervals and a	all drill-stem shut-in pressurc	es	31. For	rmation (Log) Ma	arkers	
	Formation		Тор	Bottom		Description	ns, Contents, etc	c.		Name	-	Top Meas. Dept
32. Addir Pleas	tional remarks se see the att	(include )	6969  plugging procedditional remains	9117 edure): arks.					BIF MA UT WA CH BU	REEN RIVER RDS NEST NHOGANY ELAND BUTTE ASATCH IAPITA WELLS ICK CANYON ICE RIVER		1363 1698 2317 4556 4674 5276 5967 6948
1. El	e enclosed atta	mical Log	•	• ′		2. Geologic	•		DST Rej	port	4. Direction	nal Survey
5. St	andry Notice fo	or pluggin	g and cement	verification		6. Core Anal	lysis	7	Other:			
			Electr	onic Subm Fo	ission #129	252 Verified	by the BLM WINC, sent to the	Vell Inforn he Vernal	nation Sy		ched instruction	ons):
Name Signa	e <i>(please print)</i> ature		nic Submissi	11.0	Poch	w	$\overline{}$	1/26/2012		SISTANT		
				Ų,	/							
Title 181	U.S.C. Section	1001 and	Title 43 U.S.	C. Section 1	212, make i	it a crime for	any person know	wingly and	willfully	to make to any d	enartment or a	gency

of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

## CHAPITA WELLS UNIT 1498-25D ADDITIONAL REMARKS:

### **26. PERFORATION RECORD**

7981-8148	36	OPEN
7701-7933	36	OPEN
7460-7676	36	OPEN
7267-7430	36	OPEN
6969-7243	36	OPEN

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7981-8148	1,371 BBLS GELLED WATER & 178,900# 20/40 SAND
7701-7933	1,145 BBLS GELLED WATER & 147,000# 20/40 SAND
7640-7676	780 BBLS GELLED WATER & 83,900# 20/40 SAND
7267-7430	651 BBLS GELLED WATER & 71,000# 20/40 SAND
6969-7243	1,500 BBLS GELLED WATER & 208,800# 20/40 SAND

## **52. FORMATION (LOG) MARKERS**

MIDDLE PRICE RIVER	7837
LOWER PRICE RIVER	8640
SEGO	9164



## **Survey Certification Sheet**

Crescent Job Number: CA 11637 and CA 11703

**Company: EOG Resources** 

Well Name: Chapita Well Unit #1498-25D

API # 43-047-51014 SURFACE LOCATION@

Uintah Co., Utah

Sec. Sec. 25-T9S-R22E

607' From North Line, 1990' From West Line Sec. 25-T9S-R22W

Latitude: 40° 00' 45.48N Longitude: 109° 23' 23.89W Last Survey Date: Oct. 13, 2011 Tied into Surface at 0', 0'

Surveyed from a depth of 0 - 9321' MD

**BOTTOM HOLE LOCATION @** 

9321' Measured Depth 9271.06' True Vertical Depth

-433.72' South, 421.68' East from Surface Location

Type of survey: Crescent MWD (Measurement While Drilling)

Drilling Contractor: True #34 / RKB = 19'
Lead Directional Driller: Billy Howell
Directional Supervisor: John Stringfellow

To whom it may concern.

I attached surveys in pdf format of the Chapita Well Unit #1498-25D well and a text file.

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Crescent Directional Drilling. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

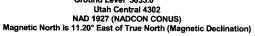
11/29/11

John Stringfellow Directional Coordinator Rocky Mtn. Region Crescent Directional Drilling Off. (307)266-6500 Cell. (307)259-7827



EOG Resources Uintah County Utah Chapita Well Unit 1498-1502 #1498-25D

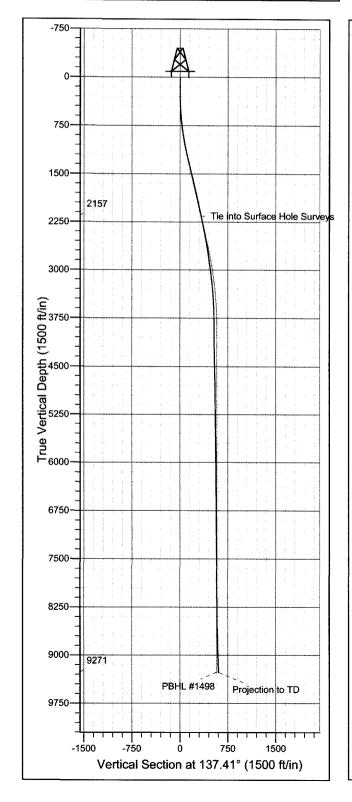
#1498-25D
Latitude 40° 0' 45.479 N
Longitude 109° 23' 23.888 W
True #34 @ 5054.0ft (RKB Elev.)
Ground Level 5035.0
Litah Central 4302

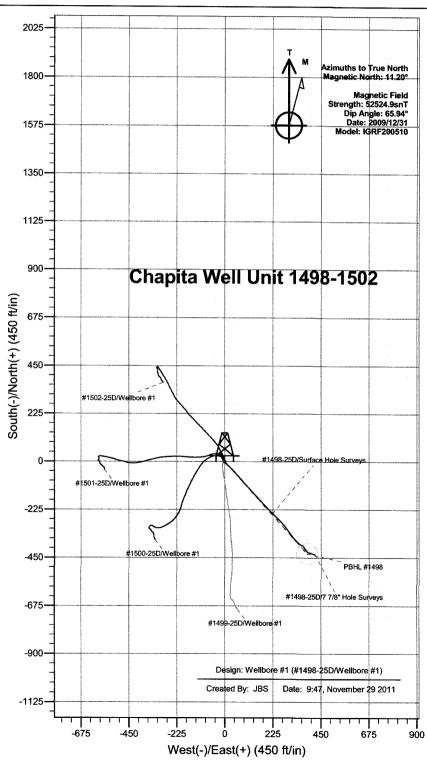


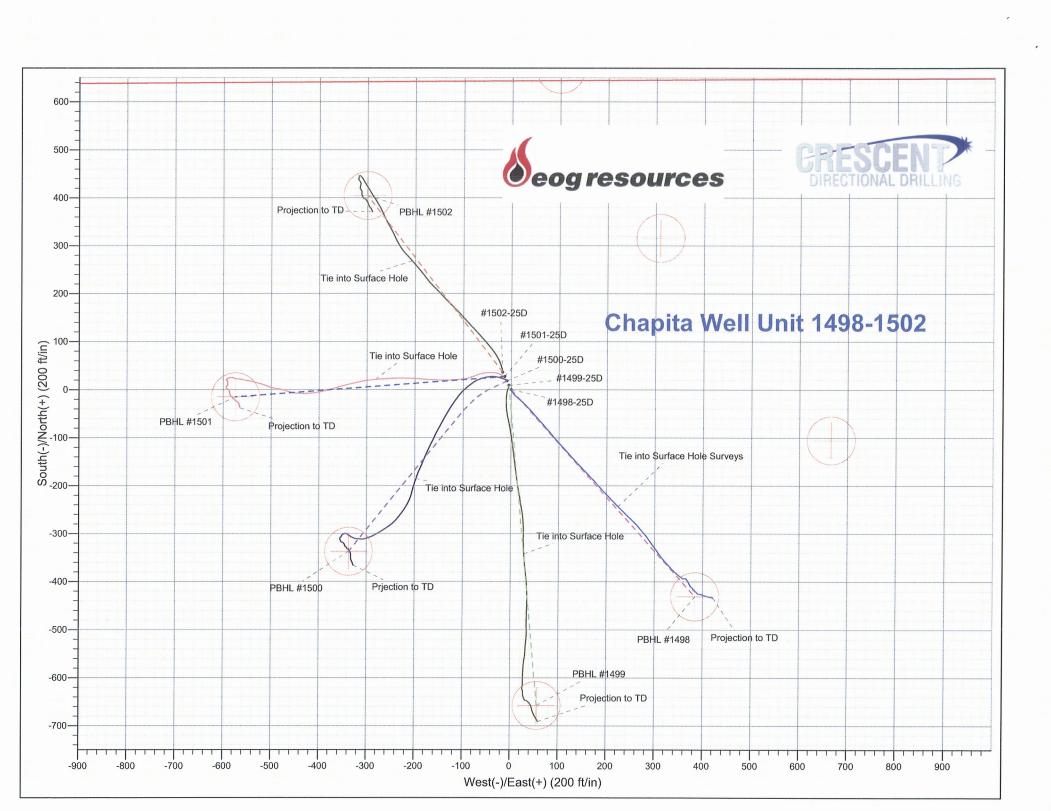


v	VELLBORE	TARGET DI	ETAILS	
Name	TVD	+N/-S	+E/-W	Shape
Price River Top #1498	6869.0	-430.9	384.3	Point
PBHL #1498	9265.0	-430.9	384.3	Circle (Radius: 50.0)

ANNOTATIONS								
TVD 2157.2 9271.1	2191.0	Annotation Tie into Surface Hole Surveys Projection to TD						









## **EOG Resources**

Uintah County Utah Chapita Well Unit 1498-1502 #1498-25D Wellbore #1

Design: Wellbore #1

# **Standard Survey Report**

29 November, 2011







Company: Project:

**EOG Resources** Uintah County Utah

Site: Well: Chapita Well Unit 1498-1502

Wellbore: Design:

#1498-25D Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: **Survey Calculation Method:** 

Database:

Well #1498-25D

True #34 @ 5054.0ft (RKB Elev.) True #34 @ 5054.0ft (RKB Elev.)

True

Minimum Curvature

EDM 2003.16 Single User Db

**Project** 

**Uintah County Utah** 

Map System: Geo Datum:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

System Datum:

Mean Sea Level

Map Zone:

Utah Central 4302

Site

Chapita Well Unit 1498-1502

Site Position: From:

Lat/Long

Northing: Easting:

618,617.48ft 2,590,947.44ft

Latitude: Longitude:

40° 0' 45.479 N 109° 23' 23.888 W

**Position Uncertainty:** 

0.0 ft

Slot Radius:

**Grid Convergence:** 

1.35°

Well **Well Position**  #1498-25D

+N/-S +E/-W 0.0 ft 0.0 ft

Northing: Easting:

618,617.48 ft 2,590,947.44 ft

11.20

Latitude: Longitude:

40° 0' 45.479 N 109° 23' 23.888 W

**Position Uncertainty** 

0.0 ft

Wellhead Elevation:

ft

**Ground Level:** 

65.95

5.035.0 ft

Magnetics

Wellbore

Wellbore #1

**Model Name** Sample Date Declination (°)

**Dip Angle** (°)

**Field Strength** (nT)

52.525

Design

Wellbore #1

IGRF200510

Audit Notes:

Version:

1.0

Phase:

2009/12/31

568.7

598.6

**ACTUAL** 

Tie On Depth:

0.0

**Vertical Section:** 

Depth From (TVD)

+N/-S

+F/-W

Direction

(ft) 0.0 (ft) 0.0

(ft) 0.0

(°) 137.41

Survey Program

Date 2011/11/28

From (ft)

To (ft) Survey (Wellbore)

**Tool Name** 

Description

299.0 2.311.0 2,191.0 Surface Hole Surveys (Wellbore #1) 9,321.0 7 7/8" Hole Surveys (Wellbore #1)

Gyro Gyro Gyro Gyro

Survey

Measured Vertical Vertical Dogleg Build Turn Depth Section Inclination Depth Azimuth +N/-S +E/-W Rate Rate Rate (ft) (ft) (ft) (°/100ft) (°/100ft) (°/100ft) (°) (°) (ft) (ft) 0.0 0.00 0.00 0.0 0.0 0.0 0.0 0.00 0.00 0.00 299.0 299.0 0.50 180.80 -1.30.0 0.9 0.17 0.17 0.00 329.0 0.40 130.00 329.0 -1.5 0.1 1.1 1.32 -0.33 -169.33 359.0 1.20 153.10 359.0 -1.9 0.3 1.6 2.82 2.67 77.00 389.0 1.50 143.00 389.0 -2.4 0.7 2.2 1.27 1.00 -33.67 419.0 1.90 155.20 419.0 -3.2 1 1 3.1 1.79 1.33 40.67 449.0 2.80 148.60 448.9 -4.3 1.7 4.3 3.13 3.00 -22.00 479.0 3.30 141.60 478.9 -5.6 2.6 5.9 2.08 1.67 -23.33 509.0 3.90 145.60 508.8 -7.1 3.7 7.8 2.17 2.00 13.33 539.0 4.00 136.00 538.8 -8.7 5.0 9.8 2.23 0.33 -32.00

-10.3

-12.0

569.0

599.0

4.20

4.90

137.20

135.20

6.5

8.2

12.0

14.3

0.73

2.39

4.00

-6.67

0.67

2.33





Company: Project:

Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1498-1502 #1498-25D

Well: #14 Wellbore: We Design: We

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

**Survey Calculation Method:** 

Database:

Well #1498-25D

True #34 @ 5054.0ft (RKB Elev.) True #34 @ 5054.0ft (RKB Elev.)

True

Minimum Curvature

EDM 2003.16 Single User Db

1.50	1000
2 80.42	W0025
 B F B '	/ \$-\a\* &

Survey										
Measured			Vertical							
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	Rate (°/100ft)	
629.0	5.20	128.10	628.5	-13.7						
659.0	5.40	131.40	658.4	-13.7 -15.5	10.1 12.3	17.0 19.7	2.31	1.00	-23.67	
689.0	5.90	136.00	688.2	-17.5	14.4	22.6	1.21 2.25	0.67 1.67	11.00 15.33	
719.0	6.70	130.80	718.0							
749.0	6.80	132.00	718.0 747.8	-19.8 -22.1	16.8 19.4	25.9	3.27	2.67	-17.33	
779.0	7.50	130.70	777.6	-24.6	22.2	29.4 33.1	0.58 2.39	0.33 2.33	4.00	
809.0	7.60	132.20	807.3	-27.2	25.2	37.1	0.74	0.33	-4.33 5.00	
839.0	8.20	135.00	837.0	-30.0	28.2	41.2	2.38	2.00	9.33	
869.0	8.40	137.80	866.7	-33.2	31.2	45.5	1.50	0.67		
899.0	8.80	135.10	896.4	-36.4	34.2	50.0	1.89	1.33	9.33 -9.00	
929.0	9.20	135.50	926.0	-39.8	37.5	54.7	1.35	1.33	1.33	
959.0	9.60	137.30	955.6	-43.3	40.9	59.6	1.65	1.33	6.00	
989.0	10.10	139.30	985.2	-47.1	44.3	64.7	2.02	1.67	6.67	
1,019.0	10.60	138.70	1,014.7	-51.2	47.9	70.1	1.70	1.67	-2.00	
1,049.0	10.70	139.00	1,044.2	-55.4	51.5	75.6	0.38	0.33	1.00	
1,079.0	11.20	137.60	1,073.6	-59.6	55.3	81.3	1.89	1.67	-4.67	
1,109.0	11.70	137.30	1,103.0	-64.0	59.3	87.3	1.68	1.67	-1.00	
1,139.0	12.10	138.10	1,132.4	-68.6	63.5	93.5	1.44	1.33	2.67	
1,169.0	12.50	140.10	1,161.7	-73.4	67.7	99.9	1.95	1.33	6.67	
1,199.0	12.60	138.70	1,191.0	-78.4	71.9	106.4	1.07	0.33	-4.67	
1,229.0	12.80	139.00	1,220.2	-83.3	76.3	113.0	0.70	0.67	1.00	
1,259.0	13.10	139.60	1,249.5	-88.4	80.6	119.7	1.10	1.00	2.00	
1,289.0	13.00	140.00	1,278.7	-93.6	85.0	126.5	0.45	-0.33	1.33	
1,319.0	12.90	140.30	1,307.9	-98.8	89.3	133.2	0.40	-0.33	1.00	
1,349.0	13.30	138.50	1,337.2	-103.9	93.8	140.0	1.90	1.33	-6.00	
1,379.0	13.70	137.80	1,366.3	-109.2	98.4	147.0	1.44	1.33	-2.33	
1,409.0 1,439.0	13.50 13.60	137.30 138.90	1,395.5 1,424.7	-114.4	103.2	154.0	0.77	-0.67	-1.67	
			·	-119.6	107.9	161.1	1.29	0.33	5.33	
1,469.0	13.90	136.60	1,453.8	-124.9	112.7	168.2	2.08	1.00	-7.67	
1,499.0	14.00	137.40	1,482.9	-130.2	117.6	175.4	0.72	0.33	2.67	
1,529.0 1,559.0	14.00 13.80	138.00 137.50	1,512.0 1,541.1	-135.5 -140.9	122.5 127.3	182.7	0.48	0.00	2.00	
1,589.0	13.70	138.00	1,570.3	-146.1	132.1	189.9 197.0	0.78 0.52	-0.67 -0.33	-1.67	
			•						1.67	
1,619.0 1,649.0	13.90 13.50	137.20 136.00	1,599.4	-151.4	137.0	204.2	0.92	0.67	-2.67	
1,679.0	13.40	136.00	1,628.6 1,657.7	-156.6 -161.6	141.8 146.7	211.3 218.2	1.64	-1.33	-4.00	
1,709.0	13.20	136.60	1,686.9	-166.6	151.4	225.1	0.41 0.71	-0.33 -0.67	1.00	
1,739.0	13.20	135.70	1,716.1	-171.6	156.2	232.0	0.69	0.00	1.00 -3.00	
1,769.0	12.90	136.30	1.745.4	-176.4	160.9	238.8				
1,799.0	12.90	137.30	1,745.4	-176.4 -181.3	160.9	238.8 245.5	1.10 0.74	-1.00 0.00	2.00	
1,829.0	12.90	135.90	1,803.9	-186.2	170.1	252.2	1.04	0.00	3.33 -4 <i>.</i> 67	
1,859.0	12.80	137.20	1,833.1	-191.0	174.7	258.8	1.02	-0.33	4.33	
1,889.0	12.80	138.20	1,862.4	-195.9	179.1	265.5	0.74	0.00	3.33	
1,919.0	12.70	138.20	1,891.6	-200.9	183.5	272.1	0.33	-0.33	0.00	
1,949.0	12.90	137.70	1,920.9	-205.8	188.0	278.7	0.33	0.67	-1.67	
1,979.0	13.00	136.20	1,950.1	-210.7	192.6	285.5	1.17	0.33	-5.00	
2,009.0	12.90	136.20	1,979.3	-215.6	197.2	292.2	0.33	-0.33	0.00	
2,039.0	12.60	137.70	2,008.6	-220.4	201.8	298.8	1.49	-1.00	5.00	
2,069.0	12.20	136.80	2,037.9	-225.1	206.1	305.3	1.48	-1.33	-3.00	
2,099.0	11.90	135.50	2,067.2	-229.7	210.5	311.5	1.35	-1.00	-4.33	
2,129.0	12.00	136.20	2,096.6	-234.1	214.8	317.7	0.59	0.33	2.33	
2,159.0	12.10	136.10	2,125.9	-238.6	219.1	324.0	0.34	0.33	-0.33	
2,189.0	11.90	136.10	2,155.3	-243.1	223.5	330.2	0.67	-0.67	0.00	
2,191.0	11.89	136.06	2,157.2	-243.4	223.7	330.6	0.46	-0.25	-1.84	





Company: Project: Site:

**EOG Resources Uintah County Utah** 

Well:

Chapita Well Unit 1498-1502

#1498-25D Wellbore: Wellbore #1 Design: Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: **Survey Calculation Method:** 

Database:

Well #1498-25D

True #34 @ 5054.0ft (RKB Elev.) True #34 @ 5054.0ft (RKB Elev.)

True

Minimum Curvature

EDM 2003.16 Single User Db

_	100		Becci (Chilorphie design		10000000
Survey					
		256453626662862963648			merens managemen
			Property and the second		
100					
Measu	ured		Vertic	al	
_					1965 4000

Measured			Vertical			Vertical	Dogleg	Build	Turn	
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W	Section (ft)	Rate (°/100ft)	Rate	Rate	
			V-7	(14)	(ft)	WY	(710010)	(°/100ft)	(°/100ft)	
	urface Hole Su									
2,311.0	11.60	133.80	2,274.7	-260.7	241.0	355.0	0.46	-0.25	-1.89	
2,341.0	11.30	133.90	2,304.1	-264.8	245.3	361.0	1.00	-1.00	0.33	
2,373.0	10.90	133.60	2,335.5	-269.1	249.8	367.1	1.26	-1.25	-0.94	
2,405.0	10.80	133.10	2,367.0	-273.2	254.2	373.1	0.43	-0.31	-1.56	
2,436.0	10.90	135.70	2,397.4	-277.3	258.3	379.0	1.61	0.32	8.39	
2,466.0	11.10	138.80	2,426.9	-281.5	262.2	384.7	2.08	0.67	10.33	
2,498.0	11.00	140.20	2,458.3	-286.2	266.2	390.8	0.89	-0.31	4.37	
2,529.0	10.60	139.90	2,488.7	-290.6	269.9	396.6	1.30	-1.29	-0.97	
2,561.0	10.20	139.60	2,520.2	-295.0	273.6	402.4	1.26	-1.25	-0.94	
2,591.0	9.60	138.30	2,549.7	-298.9	277.0	407.5	2.13	-2.00	-4.33	
2,623.0	9.20	138.80	2,581.3	-302.8	280.5	412.8	1.28	-1.25	1.56	
2,654.0	9.20	142.10	2,611.9	-306.6	283.6	417.7	1.70	0.00	1.00	
2,684.0	9.50	145.00	2,641.5	-310.6	286.5	422.6			10.65	
2,716.0	9.70	146.00	2,673.1	-315.0	289.6	422.8 427.8	1.86 0.81	1.00	9.67	
								0.62	3.12	
2,746.0	9.40	144.40	2,702.6	-319.0	292.4	432.8	1.34	-1.00	-5.33	
2,778.0	8.90	144.70	2,734.2	-323.2	295.4	437.8	1.57	-1.56	0.94	
2,809.0	8.50	143.60	2,764.9	-327.0	298.1	442.5	1.40	-1.29	-3.55	
2,840.0	8.10	143.60	2,795.6	-330.6	300.8	446.9	1.29	-1.29	0.00	
2,871.0	7.90	144.80	2,826.3	-334.1	303.3	451.2	0.84	-0.65	3.87	
2,903.0	8.30	144.40	2,857.9	-337.8	305.9	455.7	1.26	1.25	-1.25	
2,932.0	8.60	144.50	2,886.6	-341.2	308.4	459.9	1.04	1.03	0.34	
2,964.0	8.30	145.40	2,918.3	-345.1	311.1	464.6	1.02	-0.94	2.81	
2,994.0	7.80	142.20	2,948.0	-348.5	313.5	468.7	2.24	-1.67	-10.67	
3,026.0	7.70	141.00	2,979.7	-351.9	316.2	473.1	0.59	-0.31	-3.75	
3,056.0	7.40	140.80	3,009.4	-354.9	318.7	477.0	1.00	-1.00	-0.67	
3,088.0	7.10	138.60	3,041.2	-358.0	321.3	481.0	1.28	-0.94	-6.87	
3,118.0	7.00	136.20	3,070.9	-360.7	323.8	484.7	1.04	-0.33	-8.00	
3,150.0	6.80	137.80	3,102.7	-363.5	326.4	488.5	0.87	-0.62	5.00	
3,180.0	6.50	137.80	3,132.5	-366.1	328.8	492.0	1.00	-1.00	0.00	
3,212.0	6.20	136.50	3,164.3	-368.7	331.2	495.6	1.04	-0.94	-4.06	
3,242.0	6.00	138.20	3,194.1	-371.0	333.3	498.7	0.90	-0.67	5.67	
3,274.0	5.80	135.60	3,226.0	-373.4	335.6	502.0	1.04	-0.62	-8.12	
3,305.0	5.50	134.60	3,256.8	-375.6	337.7	505.1	1.02	-0.97	-3.23	
3,337.0	5.50	134.80	3,288.7	-377.8	339.9	508.1	0.06	0.00	0.62	
3.369.0	5.10	134.10	3,320.5	-379.8	342.0	511.1	1.27	-1.25		
3,401.0	4.70	130.50	3,352.4	-381.7	344.0	513.8	1.58		-2.19	
3,433.0	4.60	133.60	3,384.3	-383.4	346.0	516.4	0.85	-1.25	-11.25	
3,463.0	4.00	129.40	3,414.2	-384.9	347.7	518.6	2.26	-0.31 -2.00	9.69	
3,495.0	3.70	124.60	3,446.2	-386.2	349.4	520.8	1.38	-2.00 -0.94	-14.00 -15.00	
,										
3,526.0	3.70	128.50	3,477.1	-387.4	351.0	522.7	0.81	0.00	12.58	
3,557.0	3.00	127.10	3,508.0	-388.5	352.4	524.5	2.27	-2.26	-4.52	
3,589.0	2.70	125.30	3,540.0	-389.4	353.7	526.1	0.98	-0.94	-5.62	
3,621.0	2.00	124.20	3,572.0	-390.2	354.8	527.3	2.19	-2.19	-3.44	
3,653.0	1.80	124.90	3,604.0	-390.8	355.6	528.4	0.63	-0.62	2.19	
3,684.0	1.60	126.90	3,634.9	-391.3	356.4	529.3	0.67	-0.65	6.45	
3,717.0	1.70	123.40	3,667.9	-391.9	357.2	530.2	0.43	0.30	-10.61	
3,749.0	1.80	125.90	3,699.9	-392.4	358.0	531.2	0.39	0.31	7.81	
3,779.0	1.10	130.50	3,729.9	-392.9	358.6	531.9	2.36	-2.33	15.33	
3,809.0	0.70	145.60	3,759.9	-393.2	358.9	532.4	1.54	-1.33	50.33	
3,905.0	0.40	52.30	3,855.9	-393.5	359.5	533.0	0.86	-0.31	-97.19	
3,999.0	0.70	98.80	3,949.9	-393.4	360.3	533.5	0.55	0.32	49.47	
4,093.0	0.90	82.00	4,043.9	-393.4	361.6	534.3	0.33	0.21	-17.87	
4,186.0	1.10	77.10	4,136.9	-393.1	363.2	535.2	0.23	0.22	-5.27	
4,280.0	1.10	127.00	4,230.9	-393.4	364.8	536.5	0.99	0.00	53.09	





Company: Project:

Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1498-1502

Well: #1498-25D Wellbore: Wellbore #1 Design: Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well #1498-25D

True #34 @ 5054.0ft (RKB Elev.) True #34 @ 5054.0ft (RKB Elev.)

True

Minimum Curvature

Design: W	ellbore #1	S-100-100-100-100-100-100-100-100-100-10		Databas	e:	E	EDM 2003.16	Single User Di	
Survey									
Measured Depth (ft)	inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,373.0	1.30	134.60	4,323.8	-394.7	366.3	538.5	0.27	0.22	0.47
4,467.0	1.30	144.00	4,417.8	-396.3	367.6	540.6	0.27	0.22	8.17 10.00
4,561.0	1.20	151.00	4,511.8	-398.0	368.8	542.6	0.19	-0.11	7.45
4,653.0	1.30	152.20	4,603.8	-399.8	369.7	544.5	0.11	0.11	1.30
4,747.0	1.50	152.20	4,697.7	-401.8	370.8	546.8	0.21	0.21	0.00
4,842.0	1.10	150.30	4,792.7	-403.7	371.8	548.8	0.42	-0.42	-2.00
4,936.0	0.09	276.80	4,886.7	-404.5	372.2	549.7	1.23	-1.07	134.57
5,030.0	0.40	148.80	4,980.7	-404.8	372.3	549.9	0.49	0.33	-136.17
5,125.0	0.50	151.60	5,075.7	-405.4	372.6	550.7	0.11	0.11	2.95
5,219.0	0.50	143.30	5,169.7	-406.1	373.1	551.5	0.08	0.00	-8.83
5,313.0	0.60	139.30	5,263.7	-406.8	373.7	552.4	0.11	0.11	-4.26
5,406.0	0.50	163.70	5,356.7	-407.6	374.1	553.2	0.27	-0.11	26.24
5,500.0	0.70	144.50	5,450.7	-408.4	374.5	554.2	0.30	0.21	-20.43
5,595.0 5,688.0	0.80 0.90	154.10 145.60	5,545.7	-409.5	375.2	555.4	0.17	0.11	10.11
			5,638.7	-410.7	375.9	556.7	0.17	0.11	-9.14
5,782.0	0.70	105.90	5,732.7	-411.5	376.8	557.9	0.61	-0.21	-42.23
5,876.0	0.80	121.50	5,826.7	-412.0	377.9	559.1	0.24	0.11	16.60
5,971.0 6,066.0	0.90	143.40	5,921.6	-412.9	378.9	560.4	0.36	0.11	23.05
6,157.0	0.40 0.70	158.30 153.20	6,016.6 6,107.6	-413.8	379.5	561.5	0.55	-0.53	15.68
				-414.6	379.9	562.3	0.33	0.33	-5.60
6,250.0	0.30	147.30	6,200.6	-415.3	380.3	563.1	0.43	-0.43	-6.34
6,344.0 6,439.0	0.20 0.30	122.00	6,294.6	-415.6	380.5	563.5	0.16	-0.11	-26.91
6,533.0	0.60	147.90 139.70	6,389.6 6,483.6	-415.9 -416.5	380.8 381.3	563.9 564.6	0.16	0.11	27.26
6,627.0	0.80	140.50	6,577.6	-417.4	382.0	565.8	0.33 0.21	0.32 0.21	-8.72
									0.85
6,721.0 6,813.0	0.04 0.10	42.20 148.80	6,671.6 6,763.6	-417.8	382.4	566.4	0.86	-0.81	-104.57
6,907.0	0.30	157.90	6,857.6	-417.9 -418.2	382.5 382.6	566.5 566.8	0.13 0.21	0.07	115.87
6,918.5	0.31	154.78	6,869.1	-418.2	382.7	566.9	0.21	0.21 0.09	9.68 -27.22
1	r Top #1498		-,		002.7	000.0	0.17	0.00	-21.22
7,000.0	0.40	137.90	6,950.6	-418.7	382.9	567.4	0.17	0.11	-20.70
7,094.0	0.40	138.90	7,044.6	-419.1	383.4	568.0	0.01	0.00	1.06
7,189.0	0.70	135.80	7,139.6	-419.8	384.0	568.9	0.32	0.32	-3.26
7,284.0	0.30	95.70	7,234.6	-420.3	384.7	569.7	0.54	-0.42	-42.21
7,379.0	0.50	103.00	7,329.6	-420.4	385.3	570.2	0.22	0.21	7.68
7,472.0	0.90	138.30	7,422.6	-421.0	386.2	571.3	0.61	0.43	37.96
7,566.0	0.50	128.10	7,516.6	-421.8	387.0	572.5	0.44	-0.43	-10.85
7,659.0	0.70	135.60	7,609.6	-422.5	387.7	573.4	0.23	0.22	8.06
7,751.0	0.50	126.70	7,701.6	-423.1	388.4	574.4	0.24	-0.22	-9.67
7,847.0 7,940.0	0.80 1.00	132.30	7,797.6	-423.8	389.3	575.5	0.32	0.31	5.83
		141.80	7,890.6	-424.9	390.3	576.9	0.27	0.22	10.22
8,034.0	0.60	95.10	7,984.6	-425.6	391.2	578.1	0.78	-0.43	-49.68
8,128.0	0.60	89.20	8,078.5	-425.6	392.2	578.8	0.07	0.00	-6.28
8,220.0 8,313.0	0.60 0.60	87.30 88.90	8,170.5 8,263.5	-425.6 -425.6	393.2 394.2	579.4 580.0	0.02	0.00	-2.07 4.73
8,404.0	0.80	106.30	8,354.5	-425.6 -425.7	394.2	580.0 580.9	0.02 0.32	0.00 0.22	1.72 19.12
8,497.0	0.90	100.60							
8,593.0	1.10	111.80	8,447.5 8,543.5	-426.0 -426.5	396.6 398.2	582.0 583.5	0.14 0.29	0.11	-6.13
8,687.0	1.20	114.60	8,637.5	-420.3 -427.3	399.2 399.9	585.2	0.29	0.21 0.11	11.67 2.98
8,780.0	1.30	112.90	8,730.5	-428.1	401.8	587.1	0.12	0.11	-1.83
8,874.0	2.00	111.80	8,824.4	-429.1	404.3	589.5	0.75	0.74	-1.17
8,967.0	2.10	105.20	8,917.4	-430.2	407.4	592.4	0.28	0.11	-7.10
9,060.0	2.10	102.60	9,010.3	-431.0	410.7	592.4 595.3	0.26	0.11	-7.10 -2.80
9,154.0	2.50	100.40	9,104.2	-431.7	414.4	598.3	0.44	0.43	-2.34





Company: Project: EOG Resources Uintah County Utah

Site: Well: Chapita Well Unit 1498-1502

Wellbore: Design: #1498-25D Wellbore #1 Wellbore #1 **Local Co-ordinate Reference:** 

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well #1498-25D

True #34 @ 5054.0ft (RKB Elev.) True #34 @ 5054.0ft (RKB Elev.)

True

Minimum Curvature

EDM 2003.16 Single User Db

### Survey

Measured Depth I (ft)	nclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,265.0 9,313.3 <b>PBHL #1498</b>	2.60 2.69	107.00 109.86	9,215.1 9,263.3	-432.9 -433.6	419.2 421.3	602.4 604.4	0.28 0.33	0.09 0.18	5.95 5.92
9,321.0 Projection to	2.70 T <b>D</b>	110.30	9,271.1	-433.7	421.7	604.7	0.33	0.19	5.70

Targets									
Target Name - hit/miss target Dir	p Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting		
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude	Longitude
PBHL #1498 - actual wellpath miss - Circle (radius 50.0)	0.00 es target	0.00 center by 3	9,265.0 7.2ft at 93°	-430.9 13.3ft MD (92	384.3 63.3 TVD, -	618,195.77 433.6 N, 421.3 E	2,591,341.78 E)	40° 0' 41.220 N	109° 23' 18.949 W
Price River Top #1498 - actual wellpath miss - Point	0.00 es target	0.00 center by 1	6,869.0 2.8ft at 69	-430.9 18.4ft MD (68	384.3 69.1 TVD,	618,195.77 418.2 N, 382.7 E	2,591,341.78 E)	40° 0' 41.220 N	109° 23' 18.949 W

Design Annotations				
Marania d	**			
Measured Depth	Vertical Depth	Local Coord		
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	Comment
2,191.0	2,157.2	-243.4	223.7	Tie into Surface Hole Surveys
9,321.0	9,271.1	-433.7	421.7	Projection to TD

0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			****
Checked By:	Approved By:	· · ·	Date: